

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011654.D
 Acq On : 03 Aug 2019 07:18
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 00:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134236	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.88	113	104520	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.32	98	417765	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.62	95	152193	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	56013	46.307	ug/l	100
3) Chloromethane	2.21	50	93229	44.448	ug/l	97
4) Vinyl Chloride	2.36	62	113199	44.828	ug/l	98
5) Bromomethane	2.75	94	56970	40.759	ug/l	98
6) Chloroethane	2.90	64	65988	45.748	ug/l	99
7) Trichlorofluoromethane	3.25	101	50074	44.370	ug/l	94
8) Diethyl Ether	3.68	74	70887	55.400	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100779	47.075	ug/l	99
10) Methyl Iodide	4.27	142	155959	51.550	ug/l	100
11) Tert butyl alcohol	5.18	59	49433	270.207	ug/l	98
12) 1,1-Dichloroethene	4.04	96	108220	47.877	ug/l	99
13) Acrolein	3.89	56	58549	327.410	ug/l	97
14) Allyl chloride	4.66	41	238695	49.650	ug/l	99
15) Acrylonitrile	5.36	53	187460	293.483	ug/l	99
16) Acetone	4.12	43	148905	187.829	ug/l	96
17) Carbon Disulfide	4.38	76	325834	46.057	ug/l	98
18) Methyl Acetate	4.67	43	122721	68.908	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	205892	57.400	ug/l	100
20) Methylene Chloride	4.92	84	134710	49.270	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	125899	51.663	ug/l	93
22) Diisopropyl ether	6.31	45	503943	55.598	ug/l	98
23) Vinyl Acetate	6.25	43	1531973	268.981	ug/l	100
24) 1,1-Dichloroethane	6.21	63	259834	53.525	ug/l	99
25) 2-Butanone	7.17	43	269940	260.217	ug/l	99
26) 2,2-Dichloropropane	7.17	77	115298	38.620	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	141455	52.741	ug/l	99
28) Bromochloromethane	7.51	49	124866	57.950	ug/l	99
29) Tetrahydrofuran	7.52	42	178677	301.328	ug/l	99
30) Chloroform	7.67	83	241456	53.914	ug/l	98
31) Cyclohexane	7.95	56	209109	44.875	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	176731	51.816	ug/l	100
36) 1,1-Dichloropropene	8.08	75	183097	47.642	ug/l	99
37) Ethyl Acetate	7.25	43	120395	54.451	ug/l	98
38) Carbon Tetrachloride	8.07	117	159714	48.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195670	46.238	ug/l	98
40) Benzene	8.32	78	545107	50.637	ug/l	100
41) Methacrylonitrile	7.48	41	74899	56.668	ug/l	96
42) 1,2-Dichloroethane	8.40	62	180176	53.459	ug/l	100
43) Isopropyl Acetate	8.42	43	229133	56.349	ug/l	98
44) Trichloroethene	9.09	130	129138	49.912	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150928	52.399	ug/l	99
46) Dibromomethane	9.46	93	71267	54.210	ug/l	99
47) Bromodichloromethane	9.65	83	182763	52.998	ug/l	99
48) Methyl methacrylate	9.43	41	113135	57.919	ug/l	99
49) 1,4-Dioxane	9.45	88	21275	1117.667	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	613602	290.104	ug/l	99
52) Toluene	10.38	92	331382	50.975	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	185390	51.464	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	217575	50.798	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101410	54.367	ug/l	98
56) Ethyl methacrylate	10.65	69	156136	57.203	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189832	53.793	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	398582	321.618	ug/l	100
59) 2-Hexanone	10.97	43	407512	272.875	ug/l	99
60) Dibromochloromethane	11.13	129	113422	54.780	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96523	54.682	ug/l	100
64) Tetrachloroethene	10.86	164	115887	52.823	ug/l	97
65) Chlorobenzene	11.66	112	333726	49.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120756	51.177	ug/l	99
67) Ethyl Benzene	11.73	91	637196	49.389	ug/l	100
68) m/p-Xylenes	11.84	106	459726	97.982	ug/l	100
69) o-Xylene	12.16	106	219688	50.387	ug/l	99
70) Styrene	12.18	104	389775	51.705	ug/l	99
71) Bromoform	12.35	173	64785	53.850	ug/l #	98
73) Isopropylbenzene	12.46	105	590068	48.551	ug/l	100
74) N-amyl acetate	12.27	43	203200	53.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123208	53.894	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	161194	93.510	ug/l #	100
77) Bromobenzene	12.74	156	135720	50.522	ug/l	98
78) n-propylbenzene	12.80	91	716239	48.424	ug/l	99
79) 2-Chlorotoluene	12.89	91	419492	49.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	506629	49.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37151	49.669	ug/l	99
82) 4-Chlorotoluene	12.99	91	439711	49.182	ug/l	100
83) tert-Butylbenzene	13.21	119	418680	49.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	511121	49.803	ug/l	100
85) sec-Butylbenzene	13.38	105	584559	48.087	ug/l	99
86) p-Isopropyltoluene	13.50	119	532079	48.241	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	258337	49.045	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	254700	48.609	ug/l	99
89) n-Butylbenzene	13.82	91	509950	46.330	ug/l	100
90) Hexachloroethane	14.09	117	95856	49.148	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	232284	49.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21455	55.035	ug/l	98

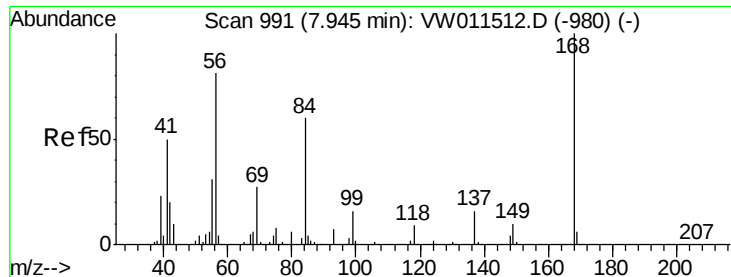
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	159845	48.684	ug/l	99
94) Hexachlorobutadiene	15.24	225	94976	46.386	ug/l	98
95) Naphthalene	15.36	128	329199	51.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	145024	50.390	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

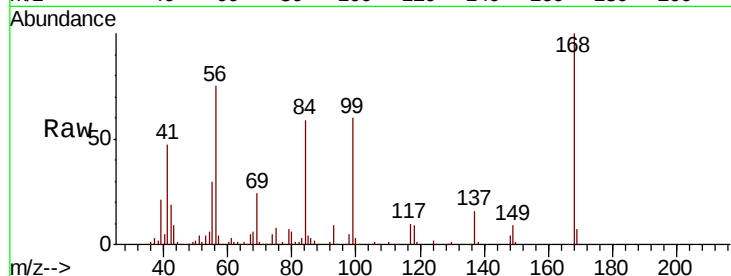
VSTDCCC050EC

Tgt Ion:168 Resp: 217040

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

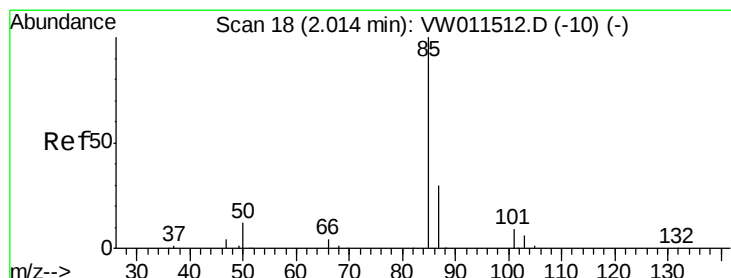
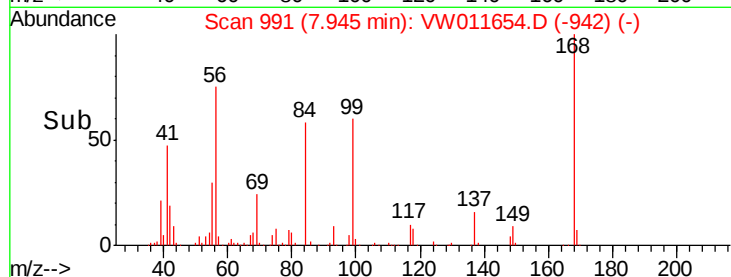
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.307 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011654.D

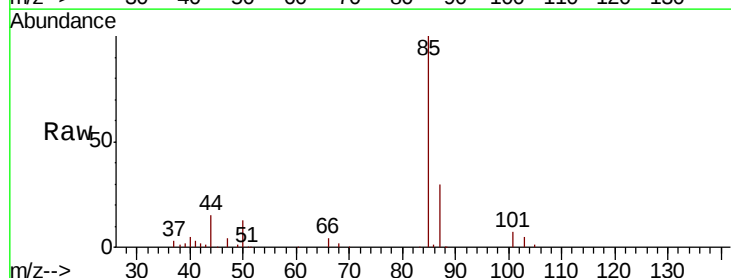
Acq: 03 Aug 2019 07:18

Tgt Ion: 85 Resp: 56013

Ion Ratio Lower Upper

85 100

87 30.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

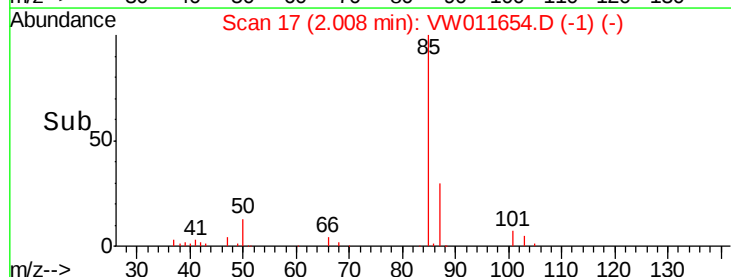
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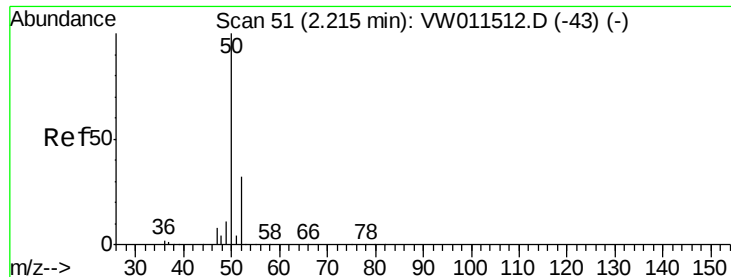
10000

5000

0

Time-->





#3

Chloromethane

Concen: 44.448 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

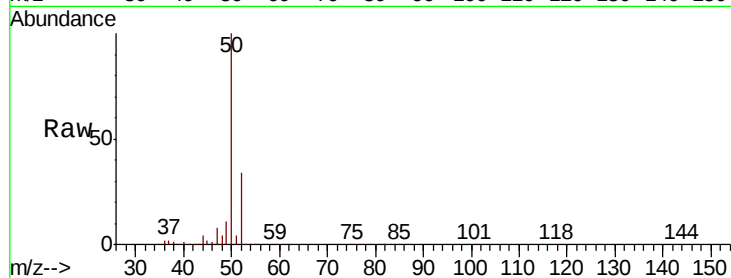
VSTDCCC050EC

Tgt Ion: 50 Resp: 93229

Ion Ratio Lower Upper

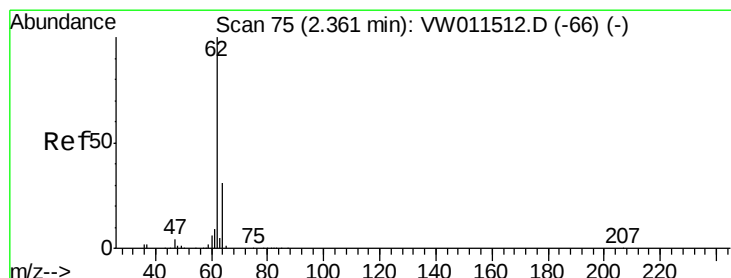
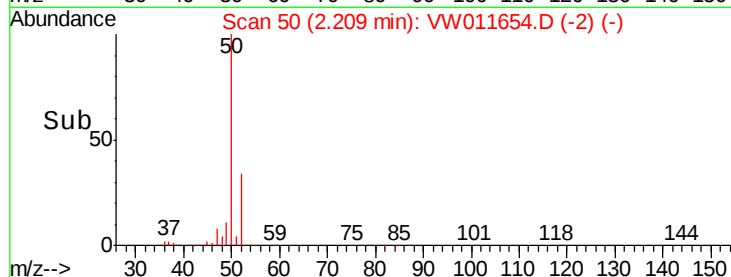
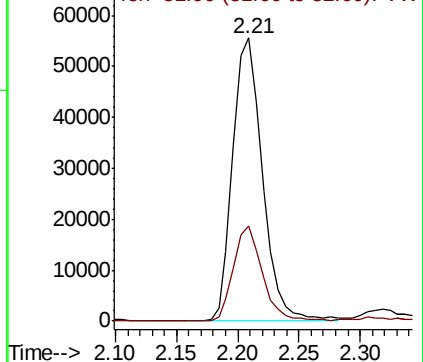
50 100

52 33.7 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.828 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011654.D

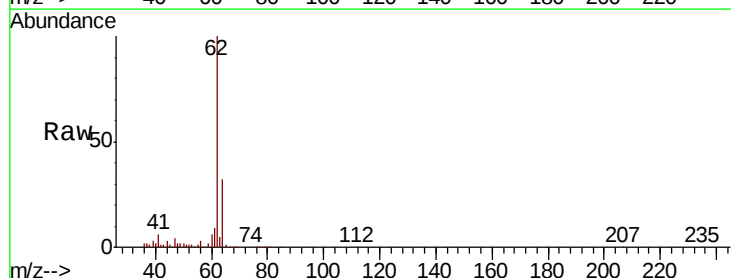
Acq: 03 Aug 2019 07:18

Tgt Ion: 62 Resp: 113199

Ion Ratio Lower Upper

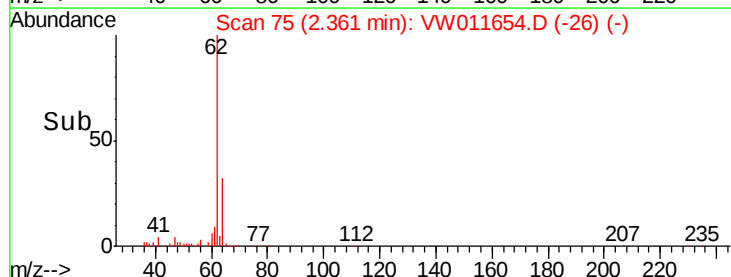
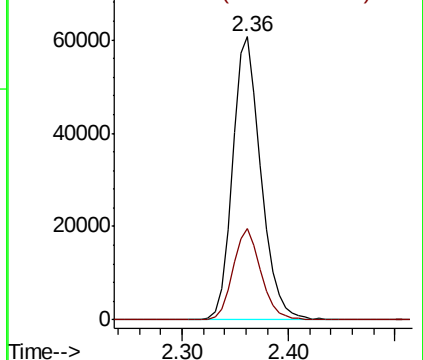
62 100

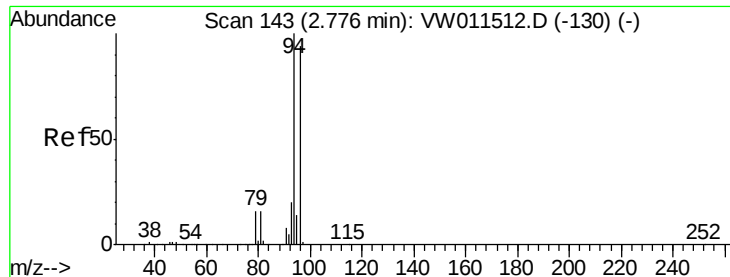
64 32.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 40.759 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

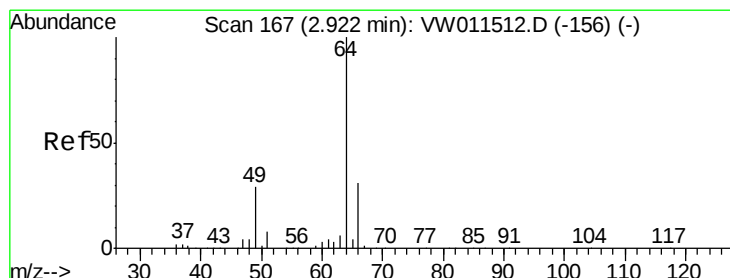
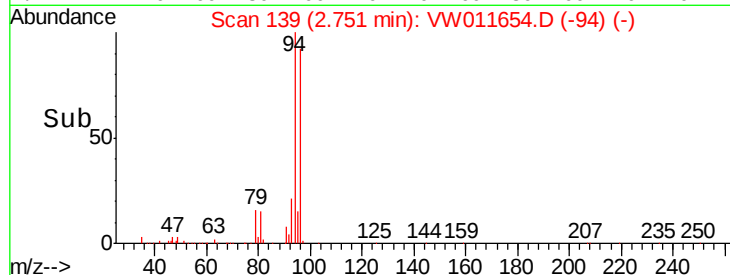
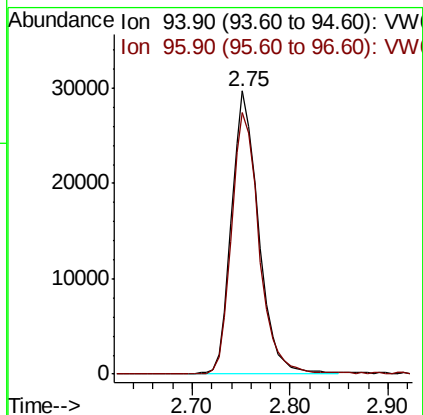
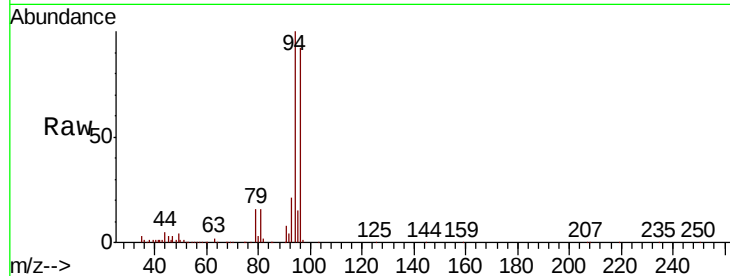
VSTDCCC050EC

Tgt Ion: 94 Resp: 56970

Ion Ratio Lower Upper

94 100

96 92.0 75.0 112.6



#6

Chloroethane

Concen: 45.748 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW011654.D

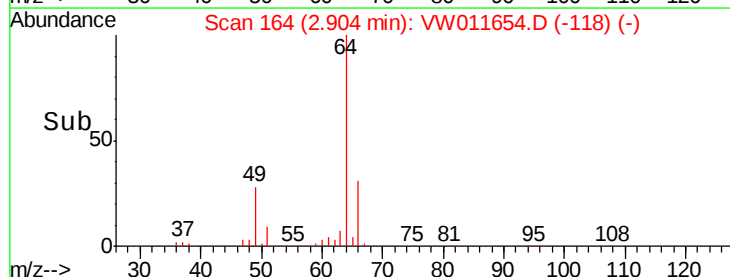
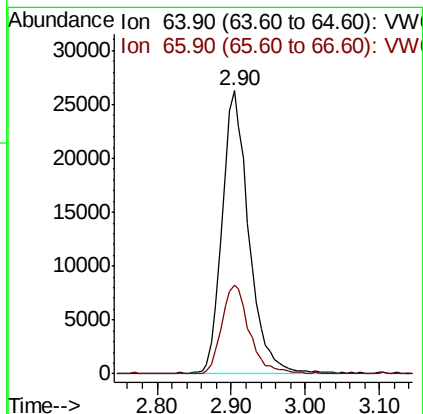
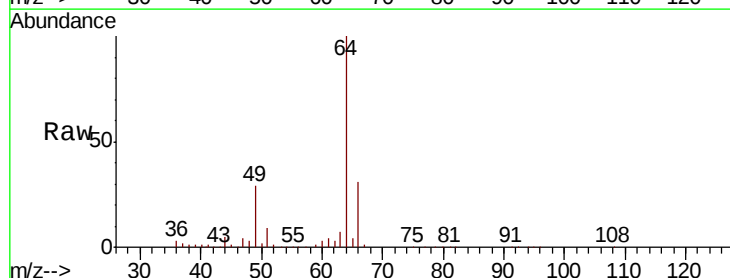
Acq: 03 Aug 2019 07:18

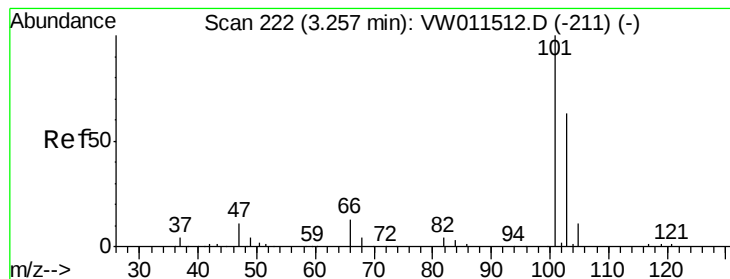
Tgt Ion: 64 Resp: 65988

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8



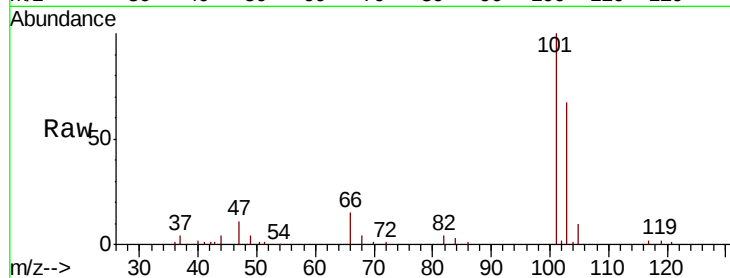


#7

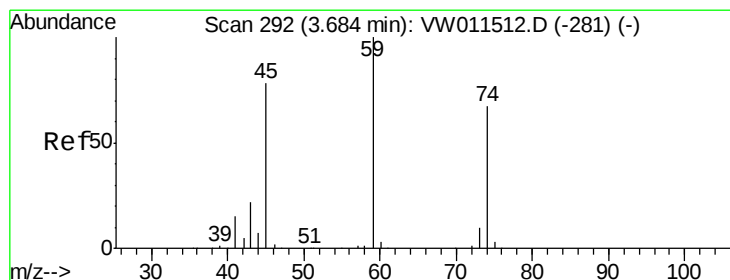
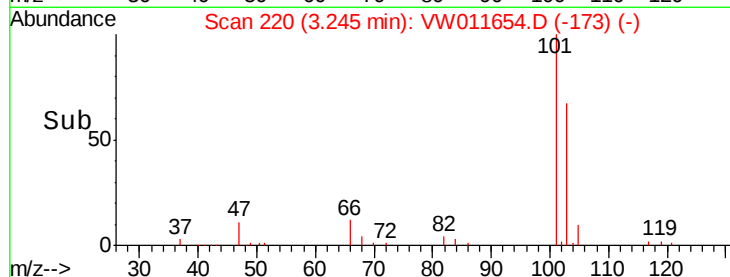
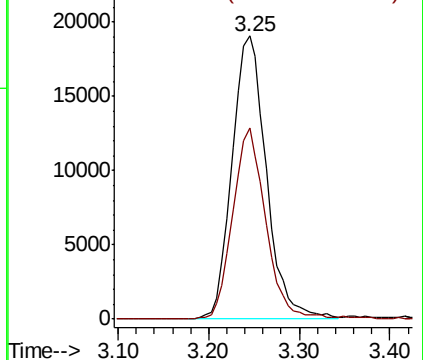
Trichlorofluoromethane
 Concen: 44.370 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

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Tgt Ion: 101 Resp: 50074
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.2 75.4



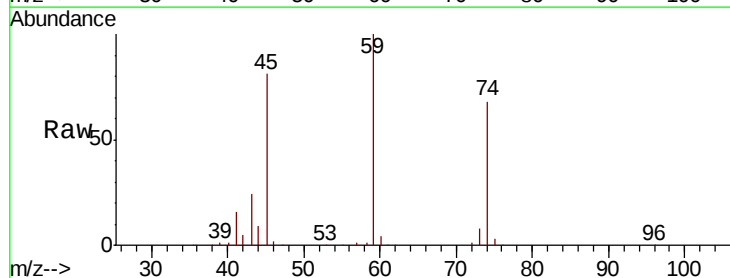
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



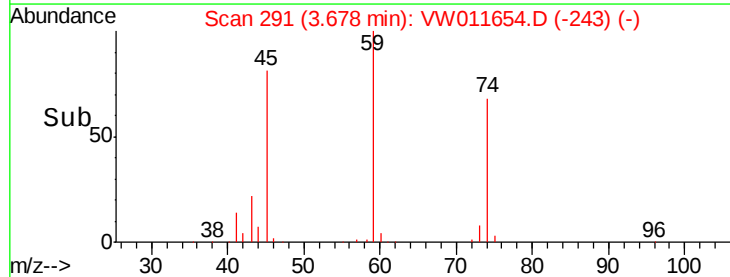
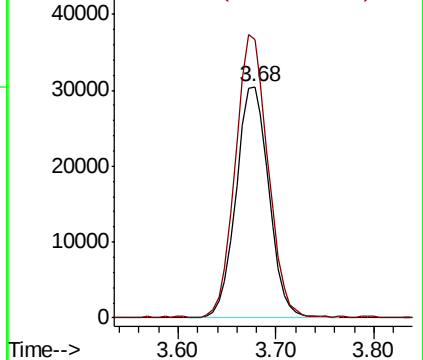
#8

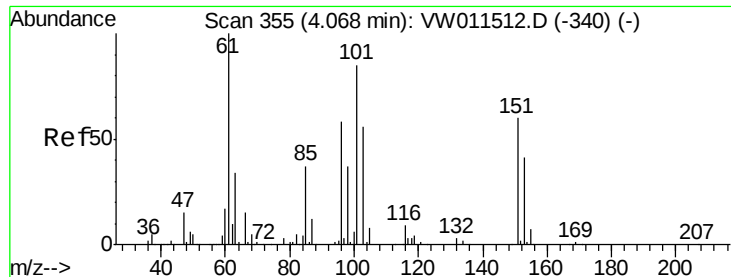
Diethyl Ether
 Concen: 55.400 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 74 Resp: 70887
 Ion Ratio Lower Upper
 74 100
 45 120.9 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.075 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

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VSTDCCC050EC

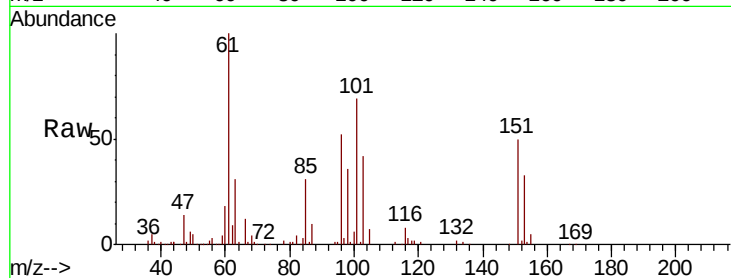
Tgt Ion:101 Resp: 100779

Ion Ratio Lower Upper

101 100

85 45.0 36.6 54.8

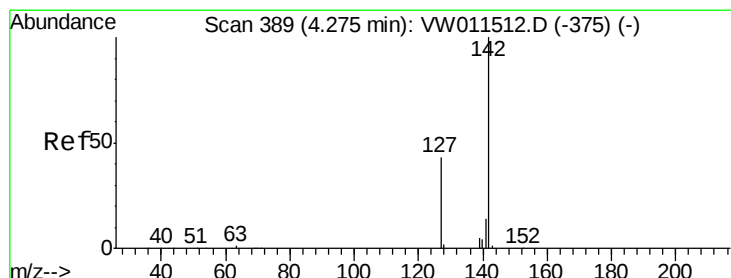
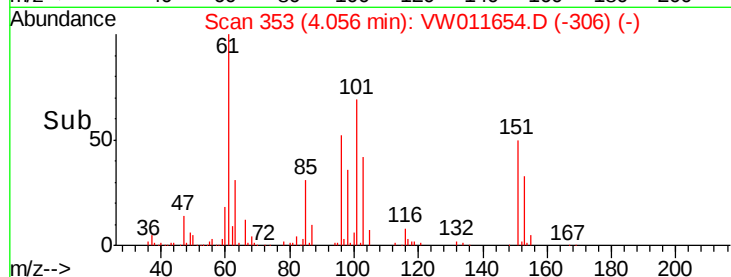
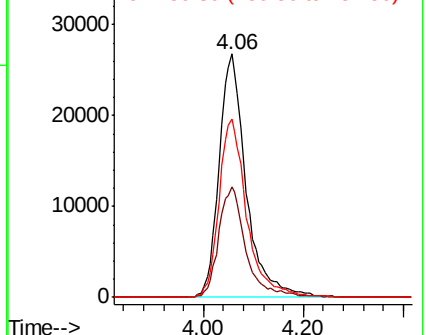
151 75.0 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.550 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

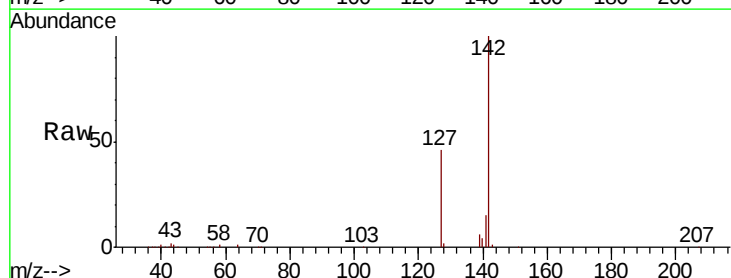
Tgt Ion:142 Resp: 155959

Ion Ratio Lower Upper

142 100

127 44.0 35.0 52.6

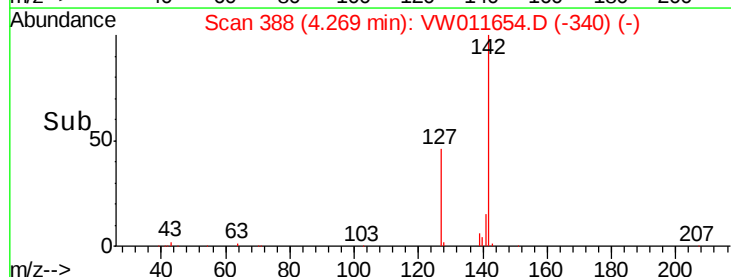
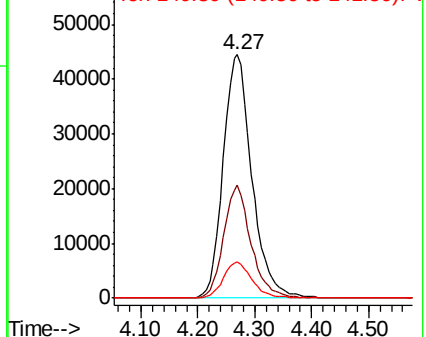
141 14.8 11.9 17.9

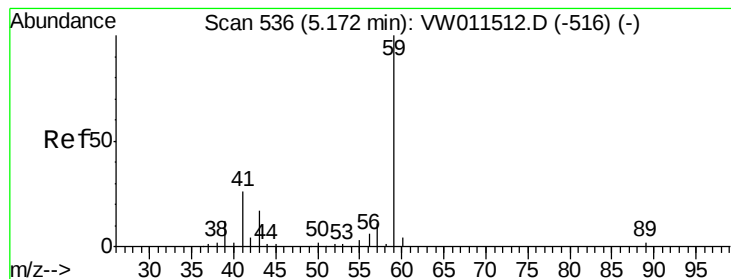


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



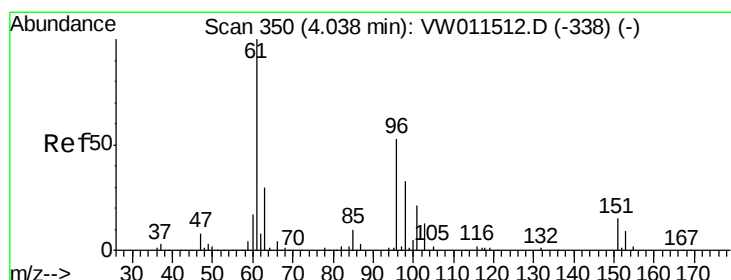
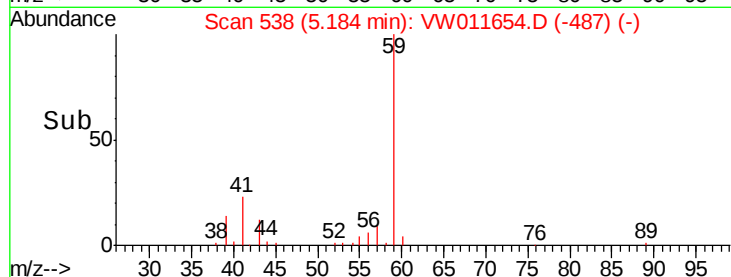
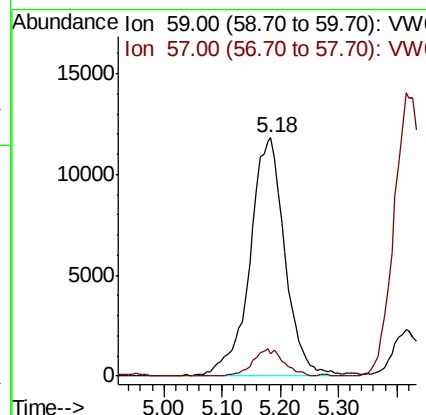
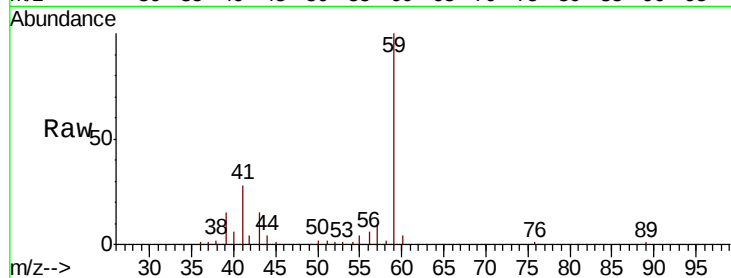


#11

Tert butyl alcohol
 Concen: 270.207 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

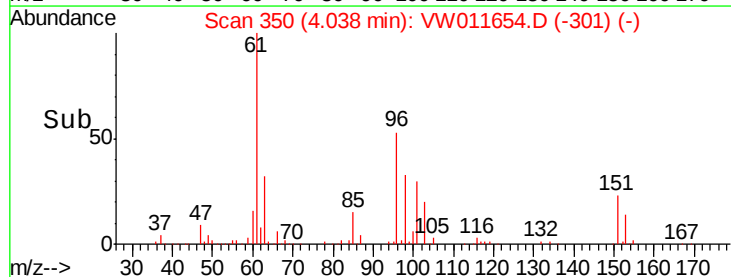
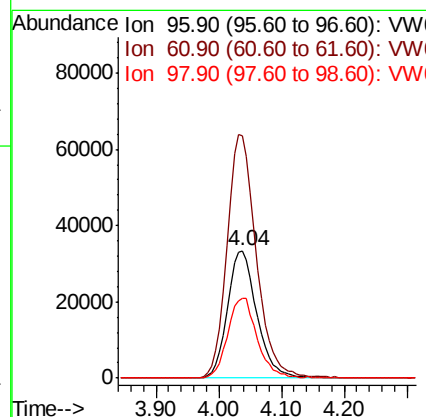
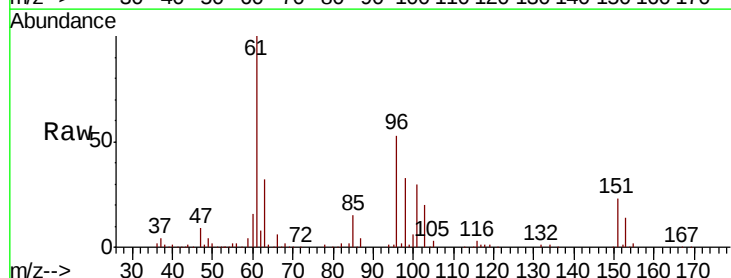
Tgt Ion: 59 Resp: 49433
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

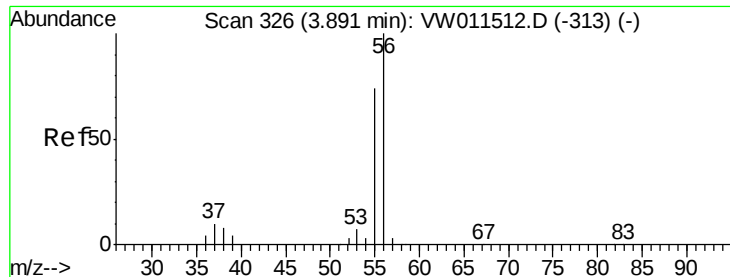


#12

1,1-Dichloroethene
 Concen: 47.877 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 96 Resp: 108220
 Ion Ratio Lower Upper
 96 100
 61 189.5 149.9 224.9
 98 62.4 49.1 73.7

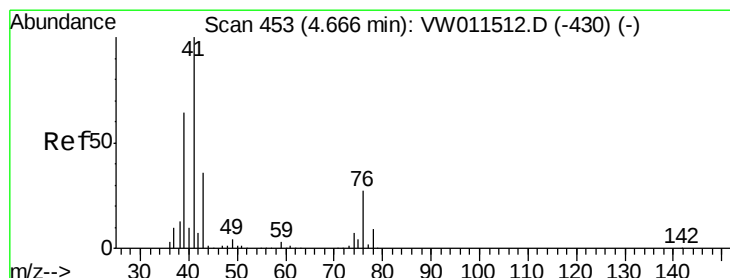
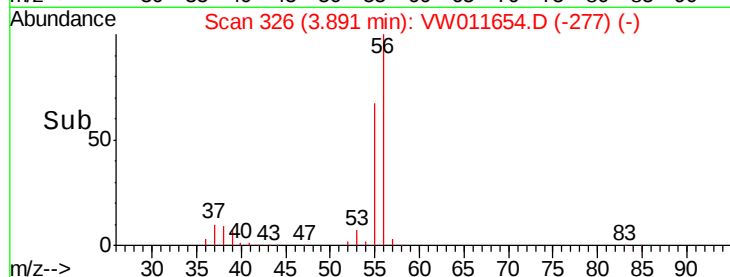
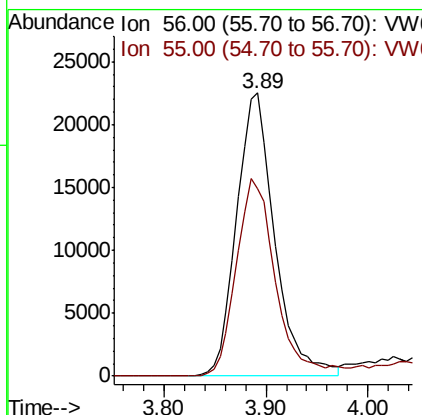
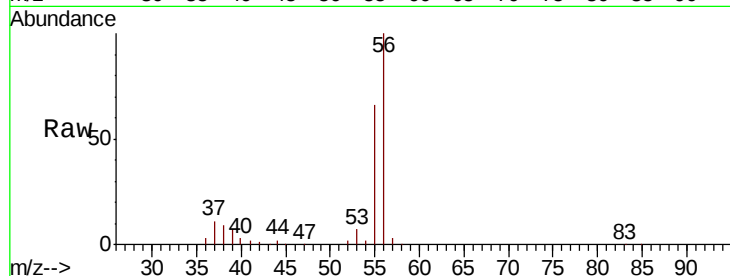




#13
 Acrolein
 Concen: 327.410 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

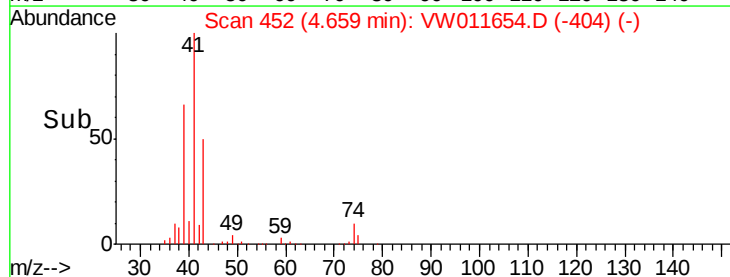
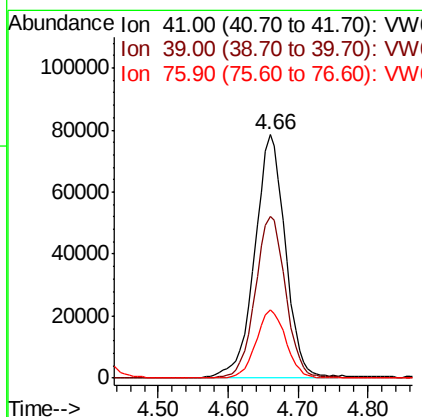
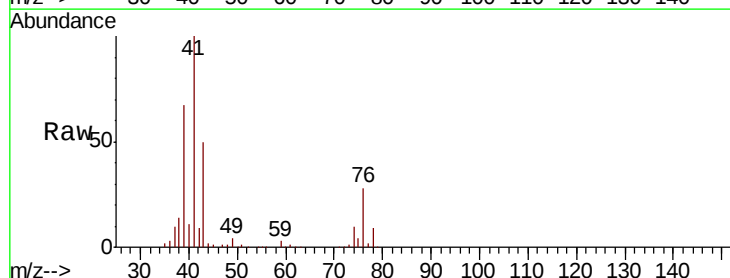
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

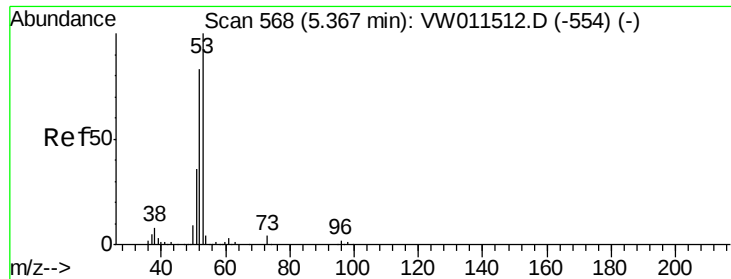
Tgt Ion: 56 Resp: 58549
 Ion Ratio Lower Upper
 56 100
 55 72.7 56.0 84.0



#14
 Allyl chloride
 Concen: 49.650 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 41 Resp: 238695
 Ion Ratio Lower Upper
 41 100
 39 66.2 52.6 78.8
 76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 293.483 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

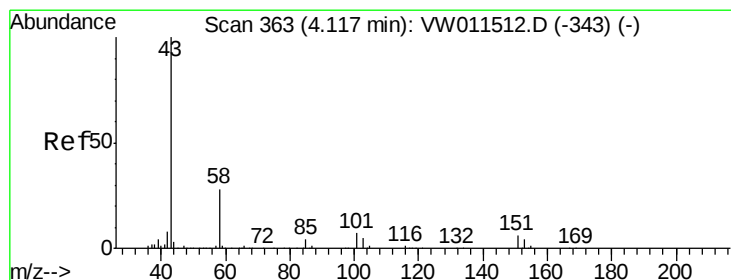
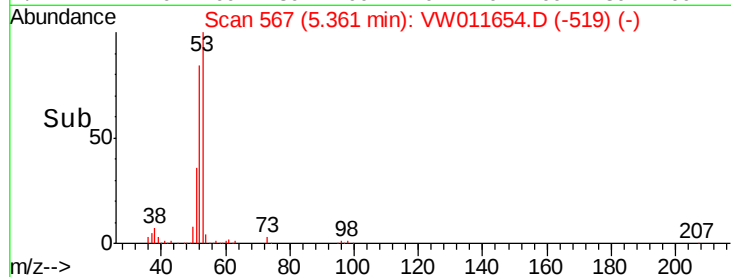
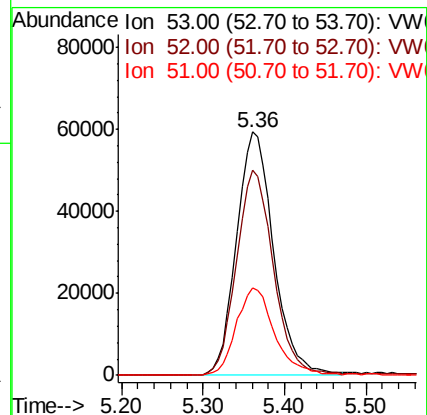
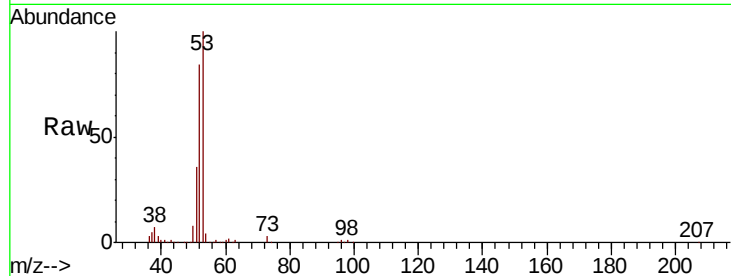
Tgt Ion: 53 Resp: 187460

Ion Ratio Lower Upper

53 100

52 84.4 67.2 100.8

51 36.8 30.0 45.0



#16

Acetone

Concen: 187.829 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011654.D

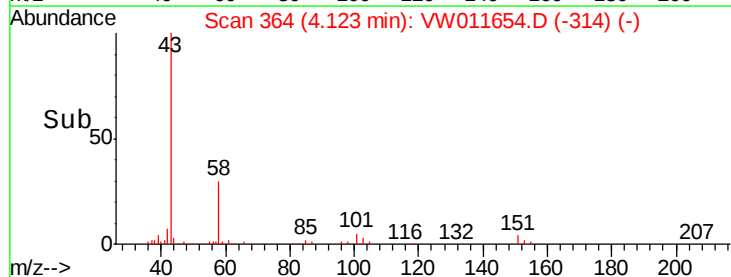
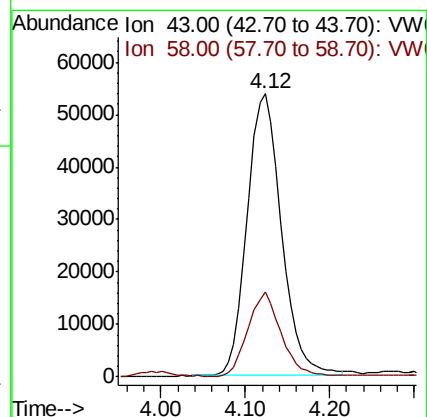
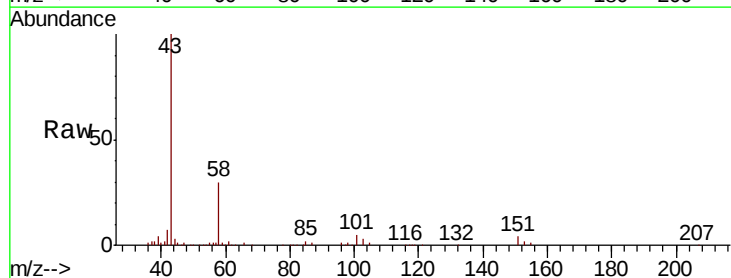
Acq: 03 Aug 2019 07:18

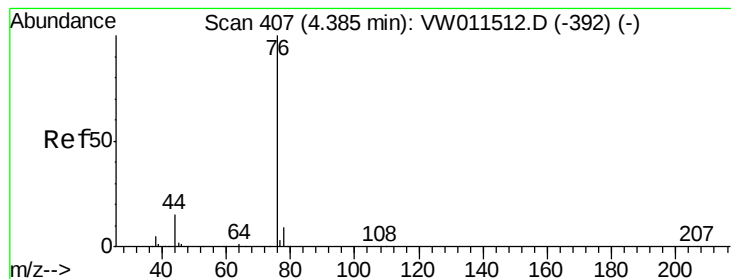
Tgt Ion: 43 Resp: 148905

Ion Ratio Lower Upper

43 100

58 30.1 22.3 33.5





#17

Carbon Disulfide

Concen: 46.057 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

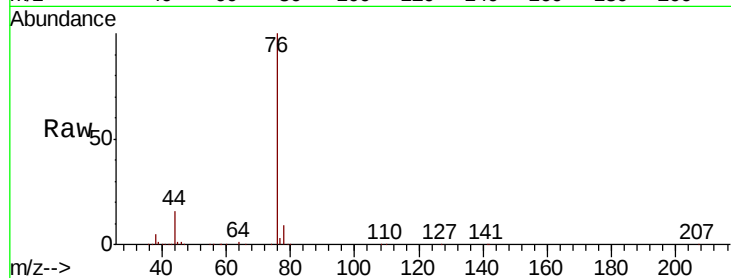
VSTDCCC050EC

Tgt Ion: 76 Resp: 325834

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

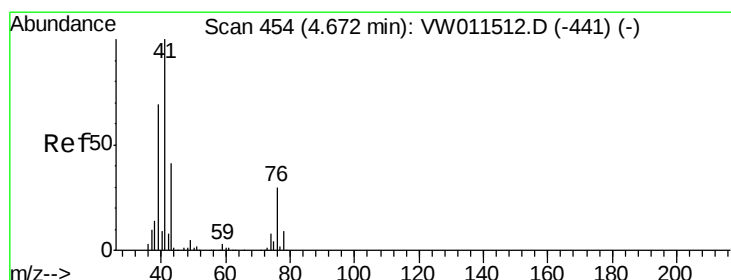
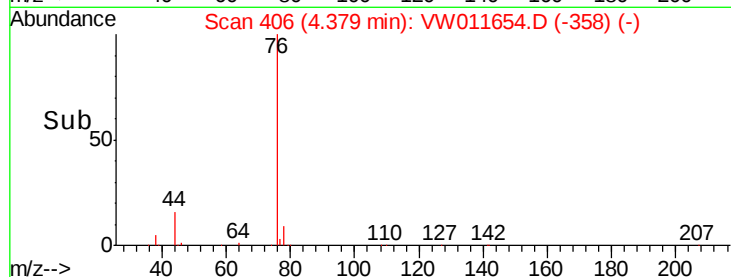
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 68.908 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011654.D

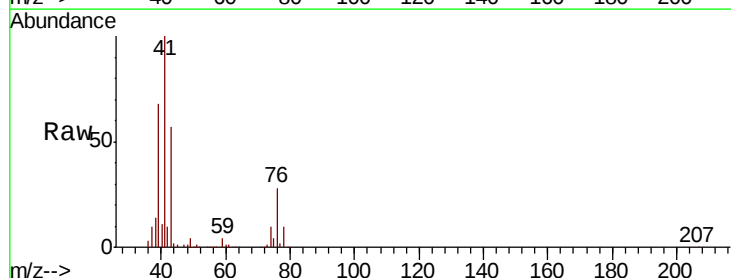
Acq: 03 Aug 2019 07:18

Tgt Ion: 43 Resp: 122721

Ion Ratio Lower Upper

43 100

74 18.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

50000

40000

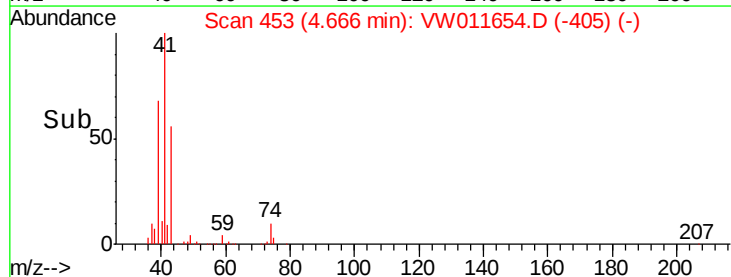
30000

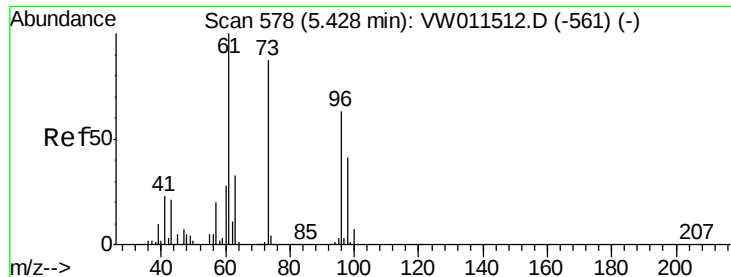
20000

10000

0

Time--> 4.50 4.60 4.70 4.80

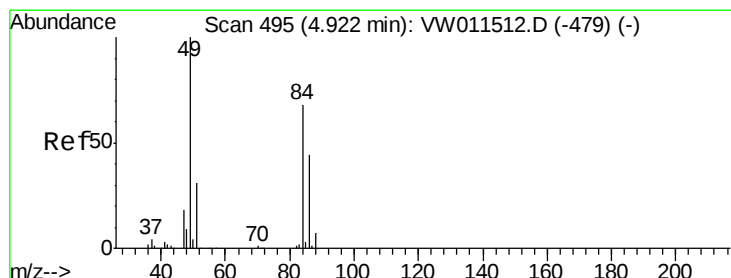
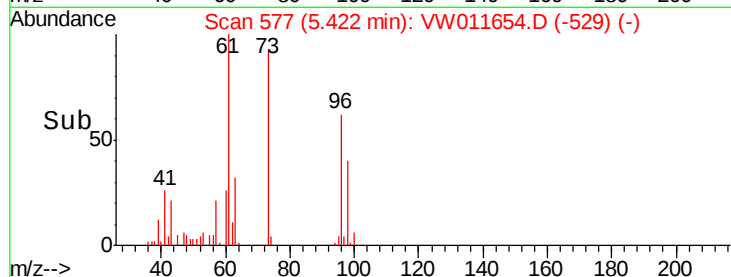
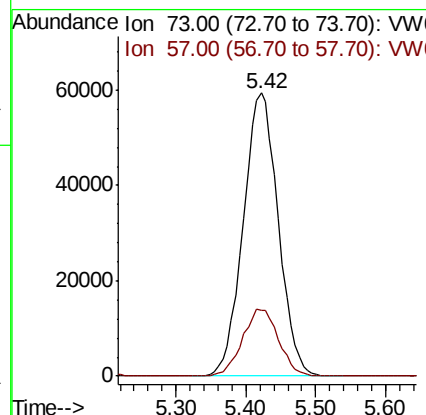
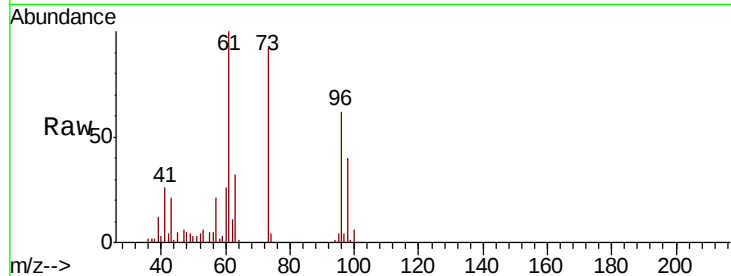




#19
Methyl tert-butyl Ether
Concen: 57.400 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

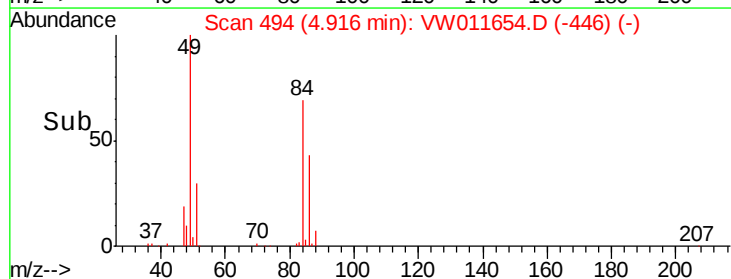
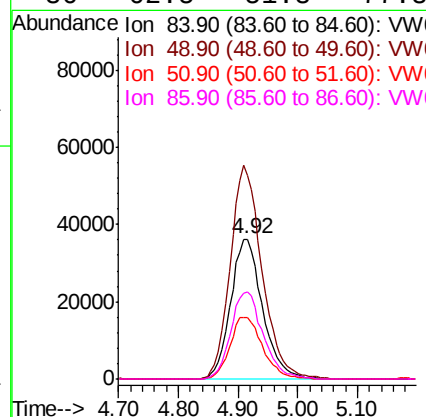
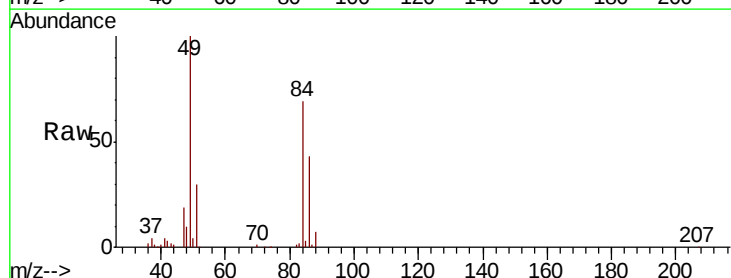
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

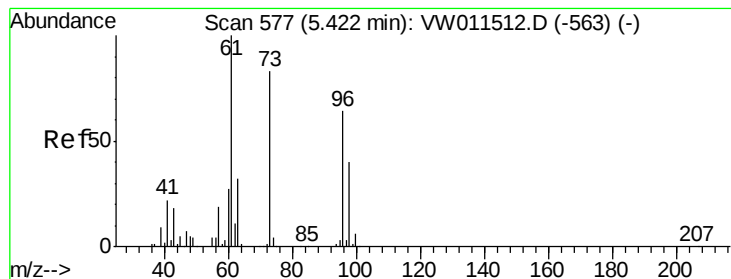
Tgt Ion: 73 Resp: 205892
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6



#20
Methylene Chloride
Concen: 49.270 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 84 Resp: 134710
Ion Ratio Lower Upper
84 100
49 145.3 117.8 176.6
51 43.8 37.0 55.4
86 62.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 51.663 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

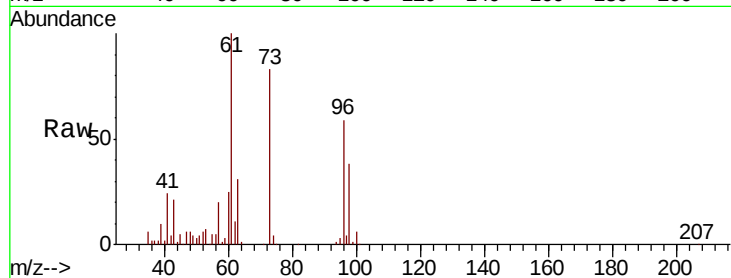
Tgt Ion: 96 Resp: 125899

Ion Ratio Lower Upper

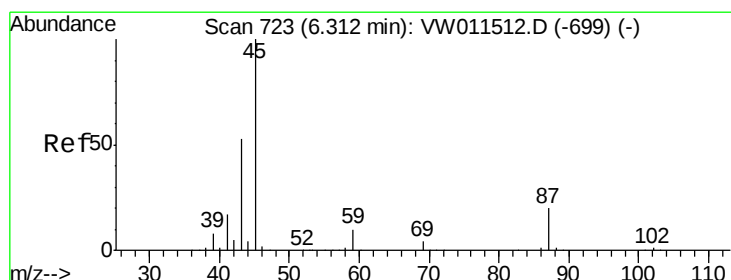
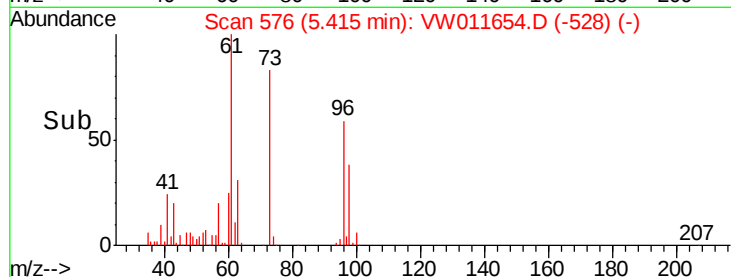
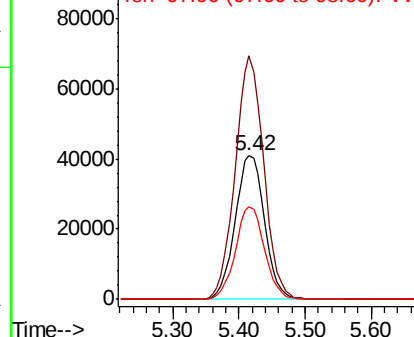
96 100

61 169.5 125.7 188.5

98 64.2 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 55.598 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Tgt Ion: 45 Resp: 503943

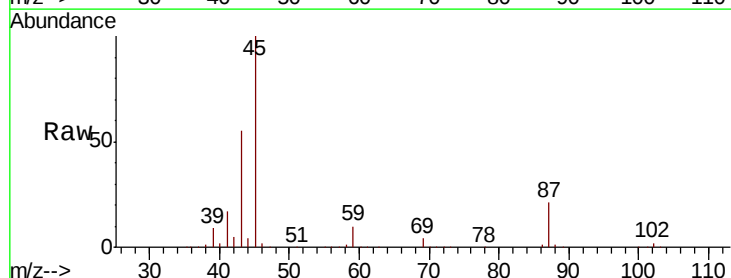
Ion Ratio Lower Upper

45 100

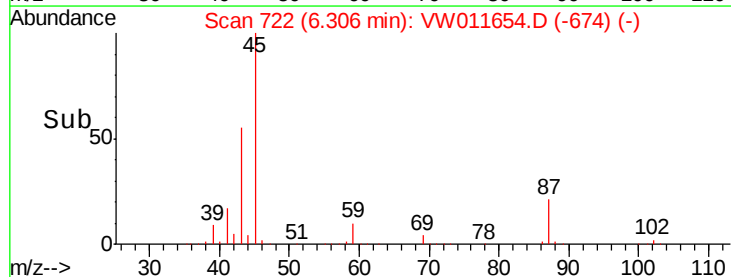
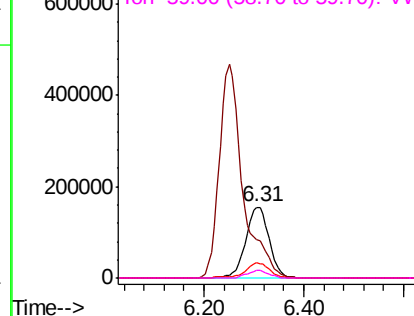
43 54.6 42.6 63.8

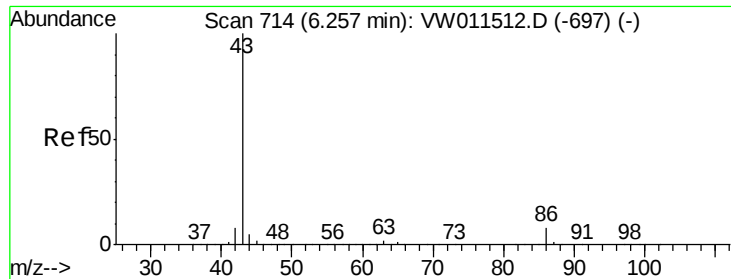
87 20.9 16.4 24.6

59 10.4 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 268.981 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

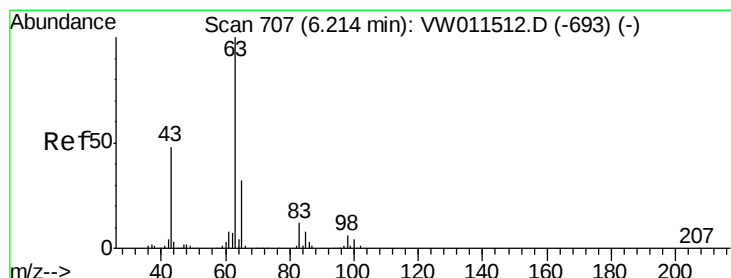
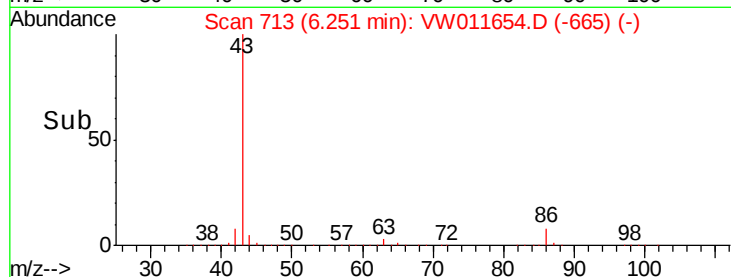
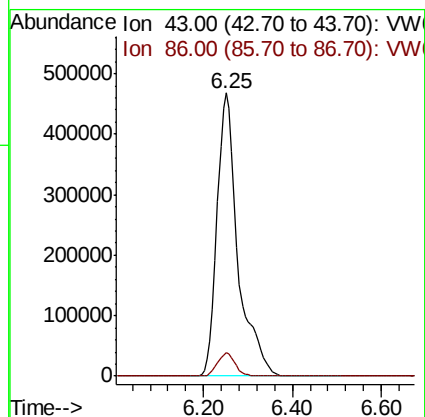
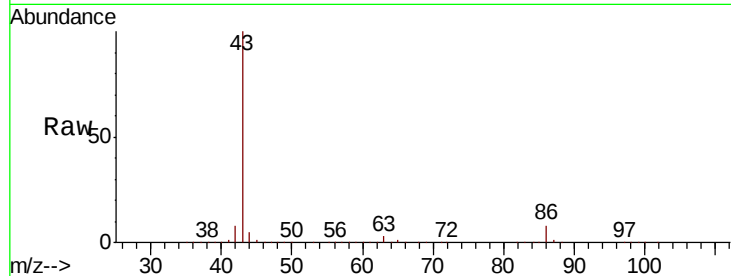
VSTDCCC050EC

Tgt Ion: 43 Resp: 1531973

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 53.525 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

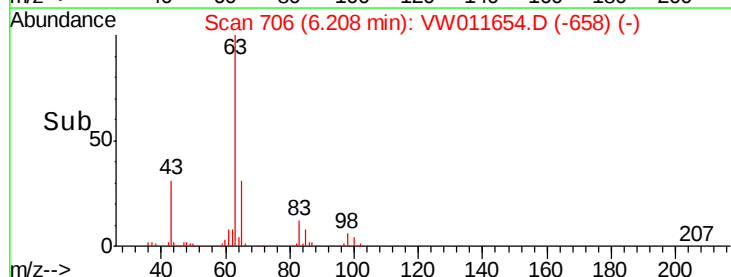
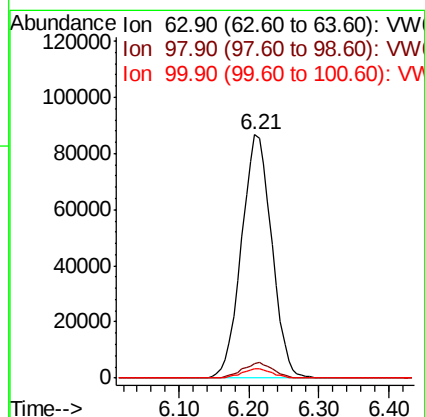
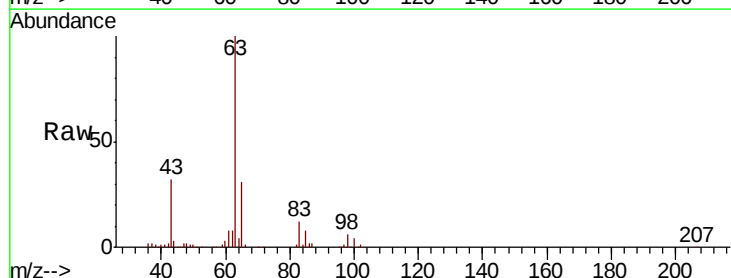
Tgt Ion: 63 Resp: 259834

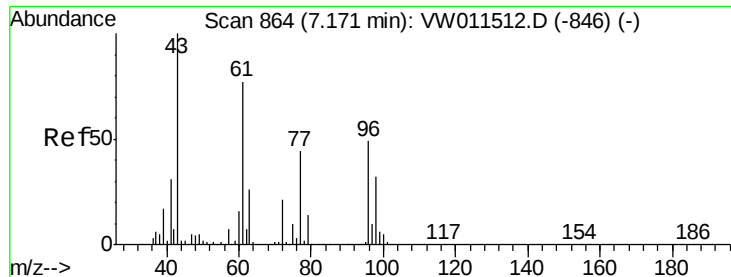
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 260.217 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

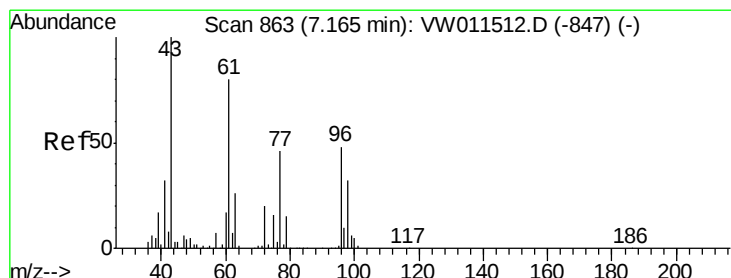
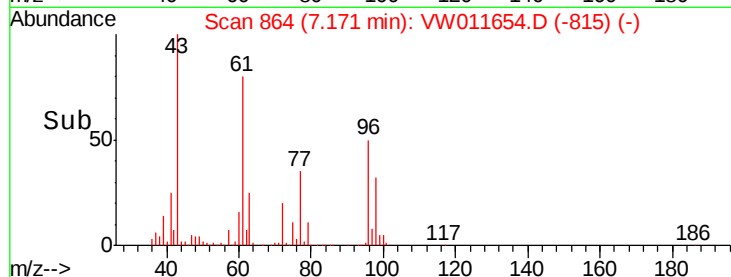
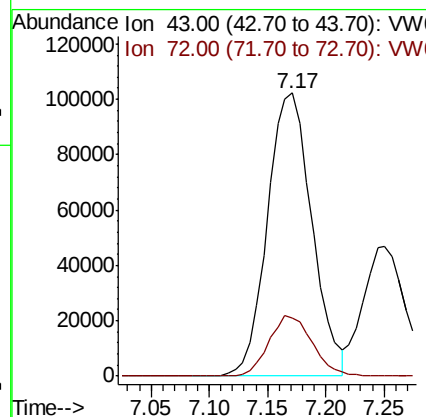
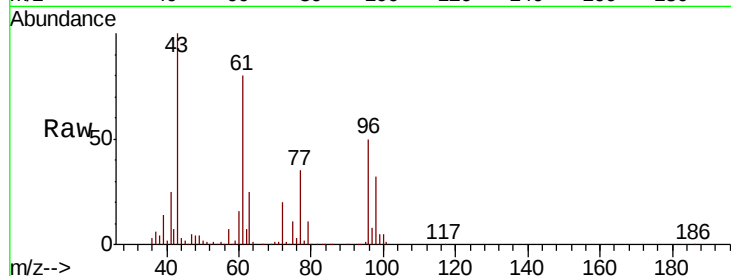
VSTDCCC050EC

Tgt Ion: 43 Resp: 269940

Ion Ratio Lower Upper

43 100

72 20.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 38.620 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011654.D

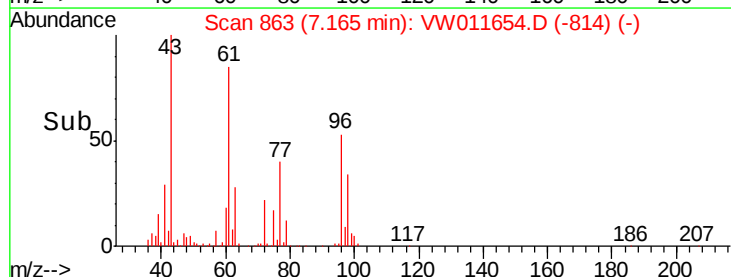
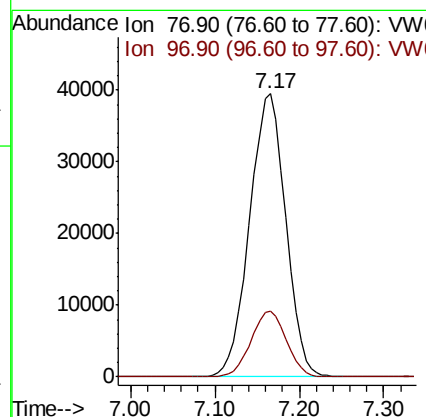
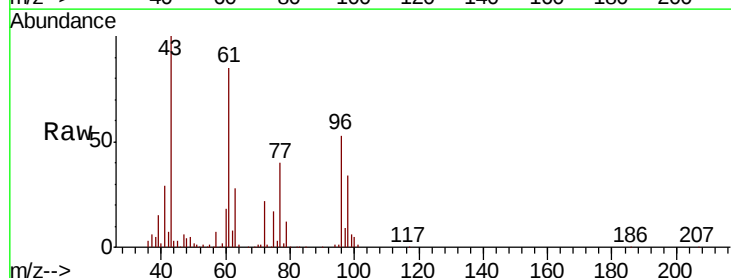
Acq: 03 Aug 2019 07:18

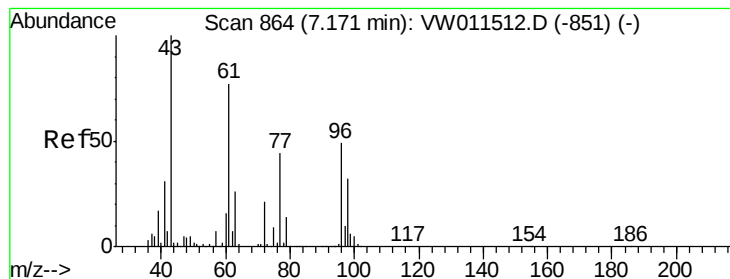
Tgt Ion: 77 Resp: 115298

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4



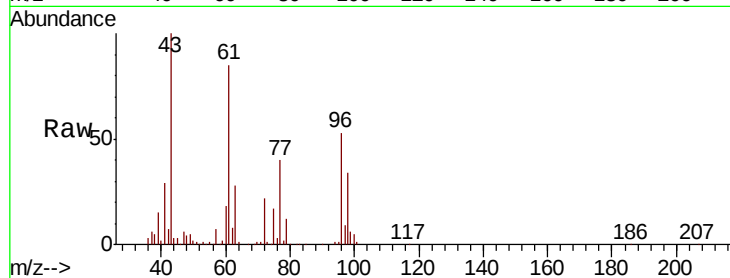


#27

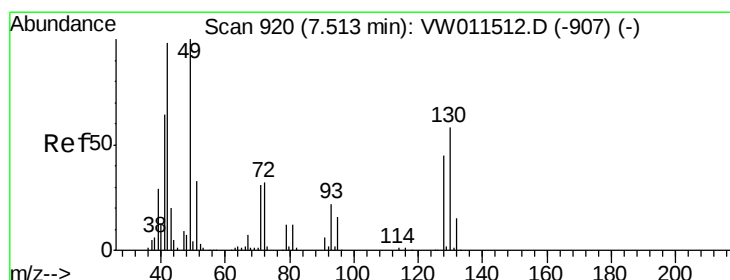
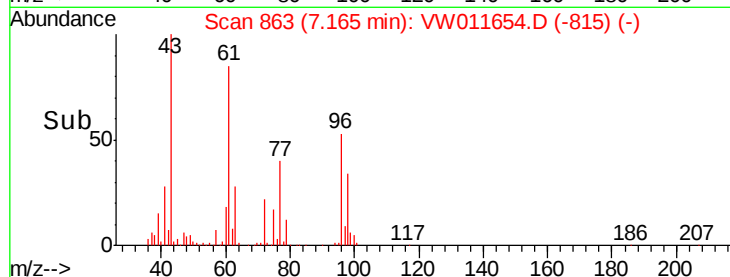
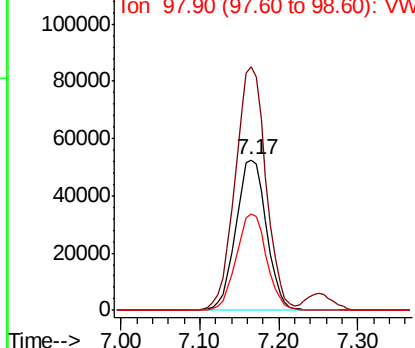
cis-1,2-Dichloroethene
Concen: 52.741 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 141455
Ion Ratio Lower Upper
96 100
61 162.7 0.0 328.4
98 63.8 0.0 128.8



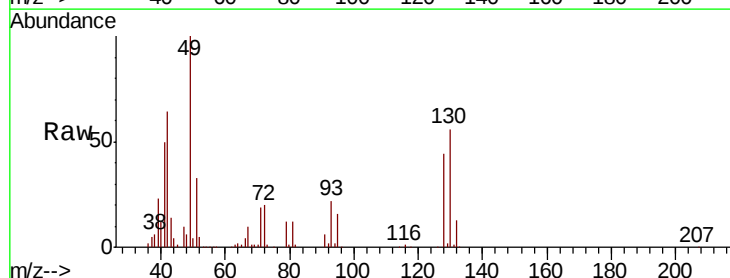
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



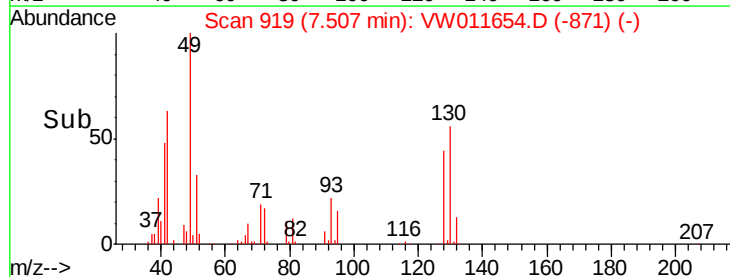
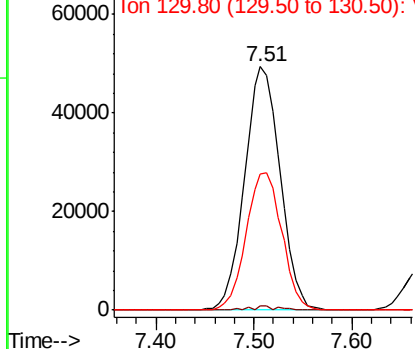
#28

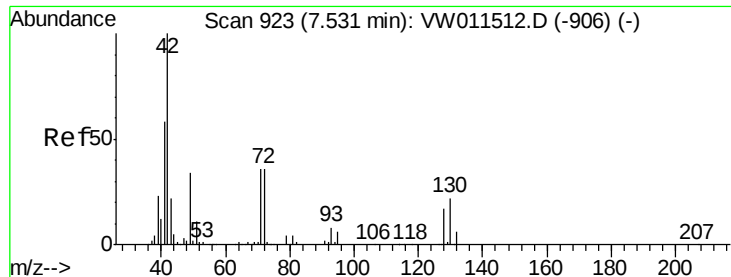
Bromochloromethane
Concen: 57.950 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 49 Resp: 124866
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.0
130 56.9 46.3 69.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

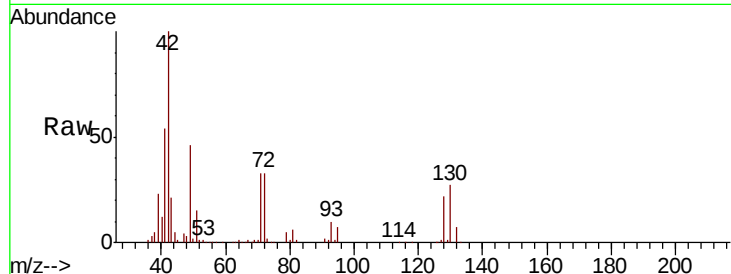




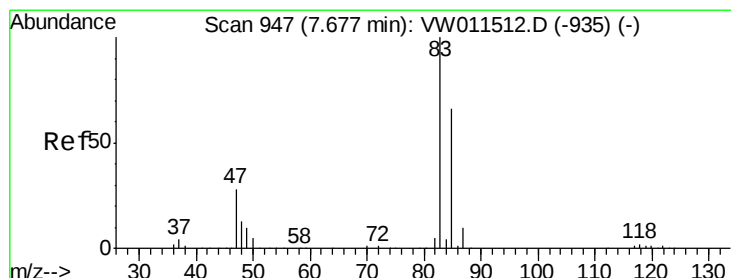
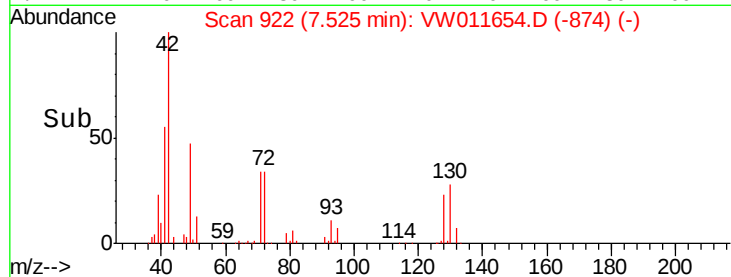
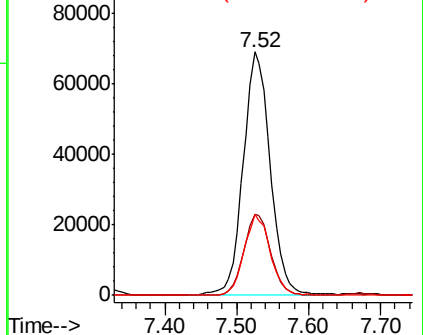
#29
Tetrahydrofuran
Concen: 301.328 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 178677
Ion Ratio Lower Upper
42 100
72 33.4 27.1 40.7
71 32.3 26.2 39.4

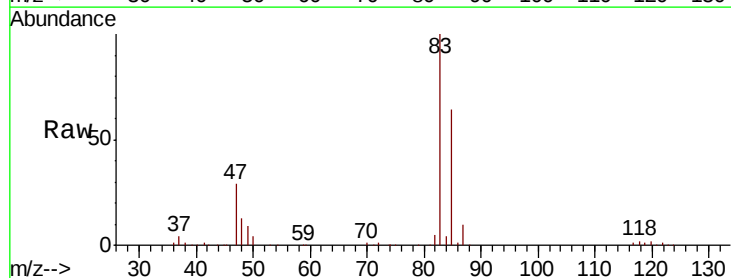


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

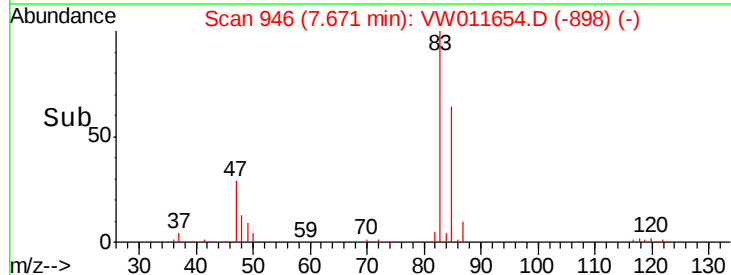
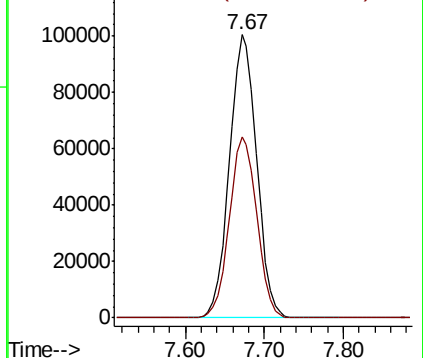


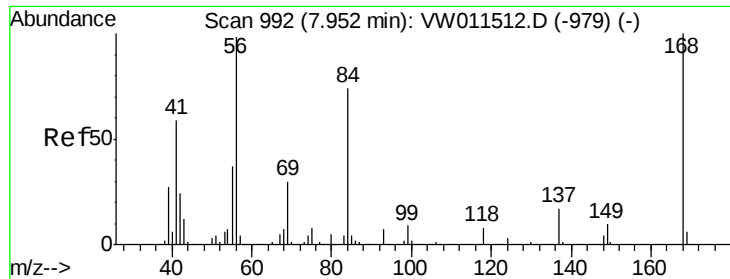
#30
Chloroform
Concen: 53.914 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 83 Resp: 241456
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

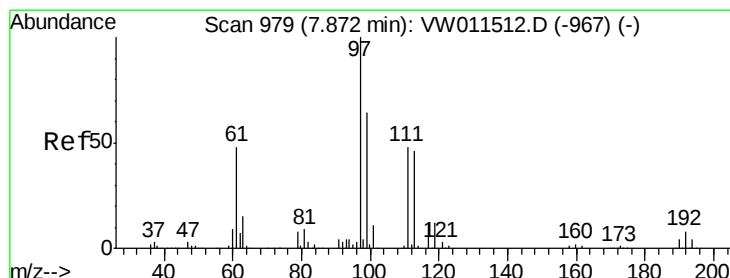
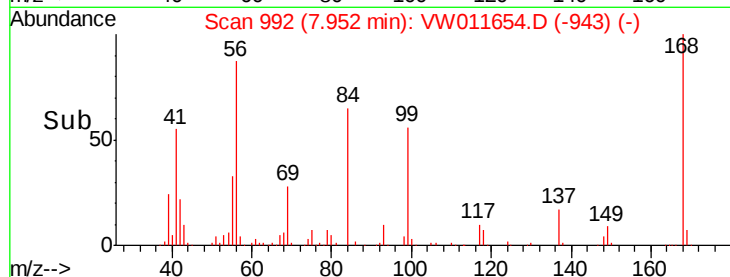
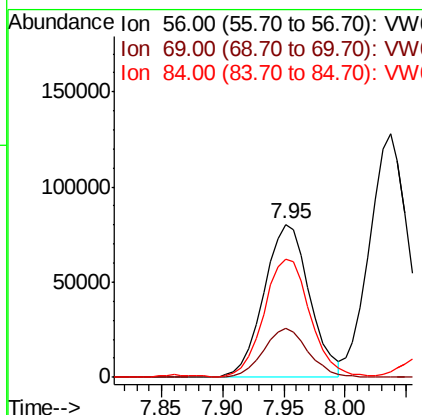
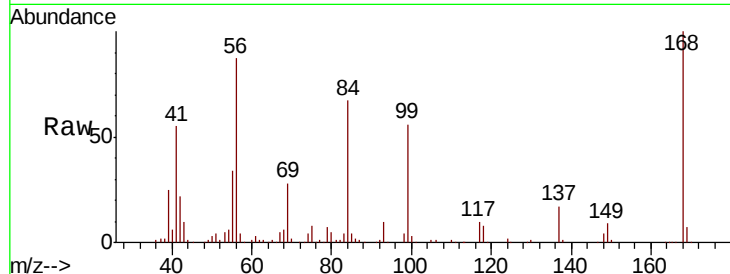




#31
Cyclohexane
Concen: 44.875 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

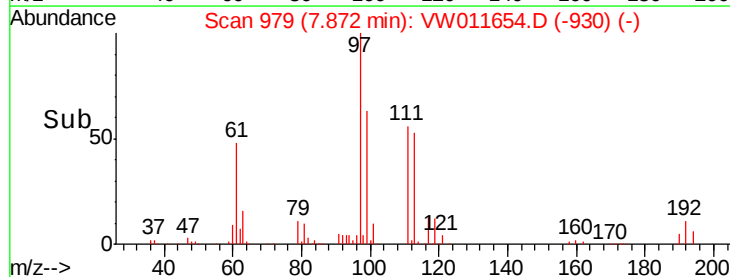
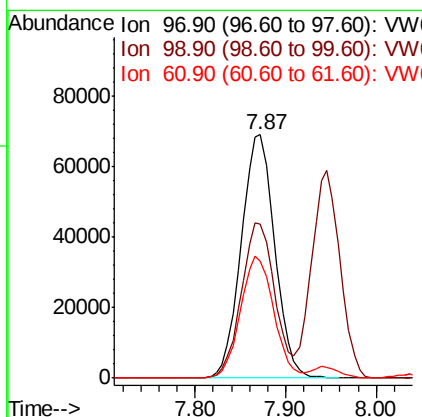
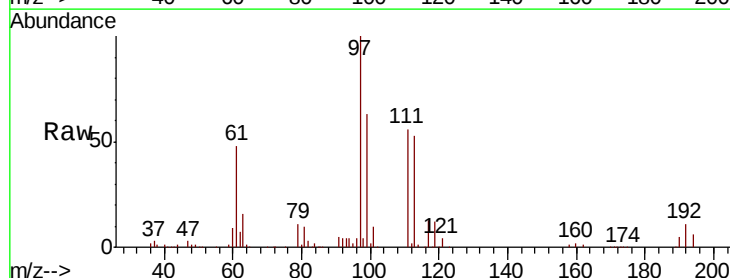
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

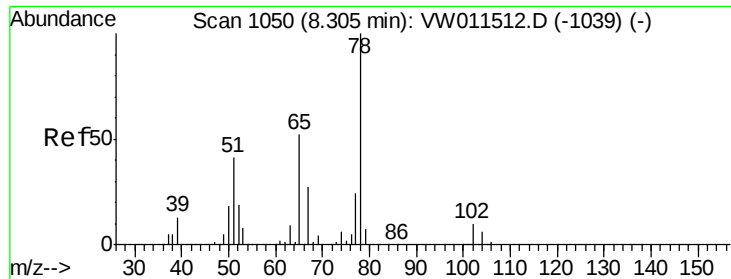
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.3	36.5
84	75.6	60.4	90.6



#32
1,1,1-Trichloroethane
Concen: 51.816 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	49.9	39.8	59.6

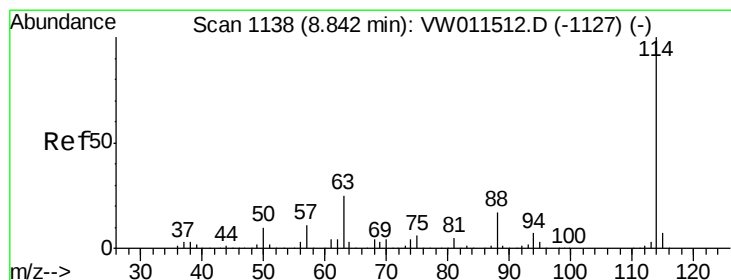
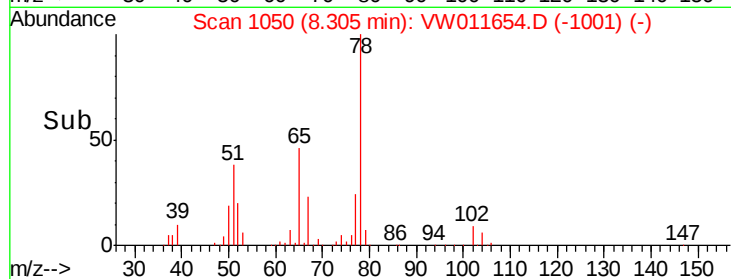
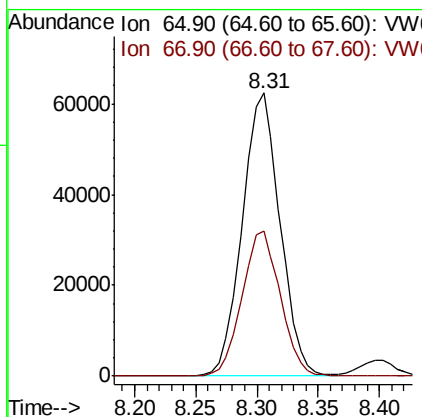
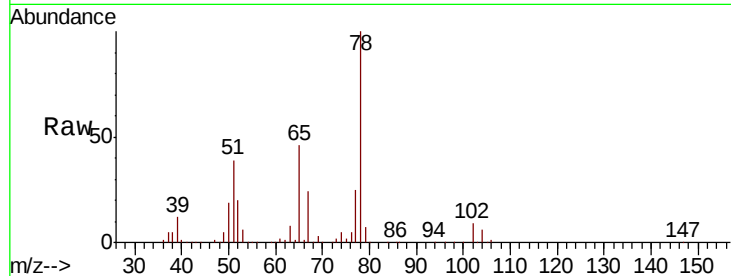




#33
 1,2-Dichloroethane-d4
 Concen: 53.862 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

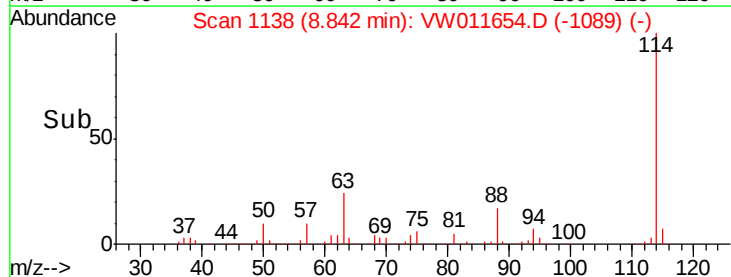
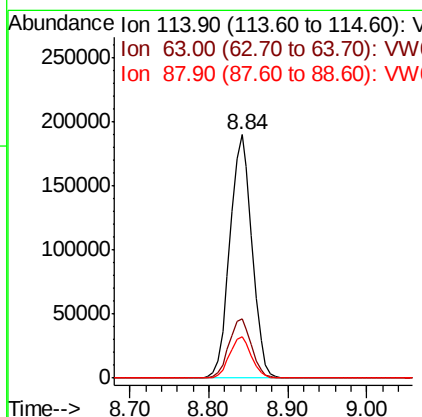
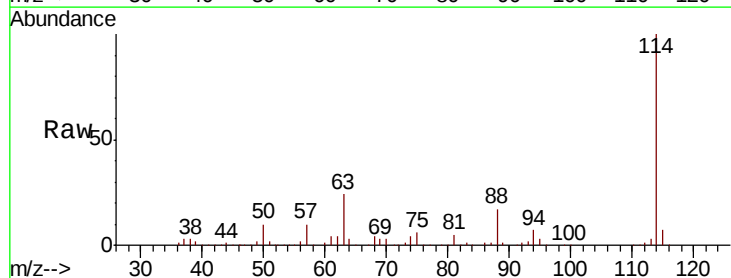
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

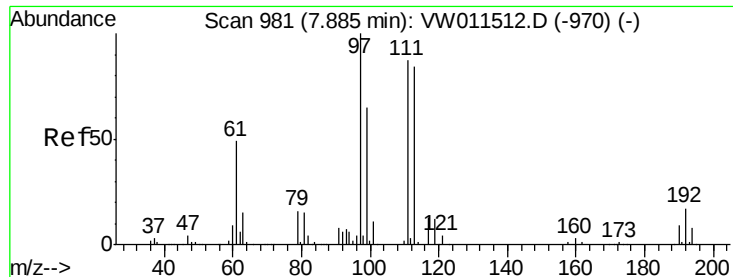
Tgt Ion: 65 Resp: 134236
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 114 Resp: 369601
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 16.8 0.0 33.8

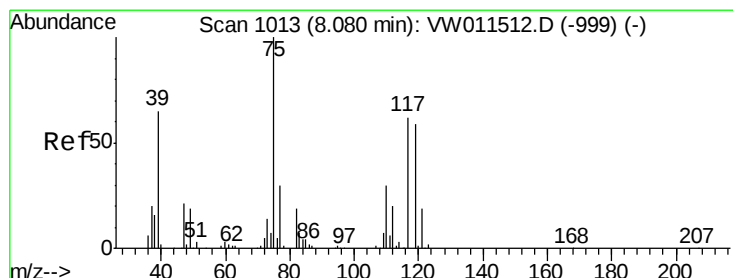
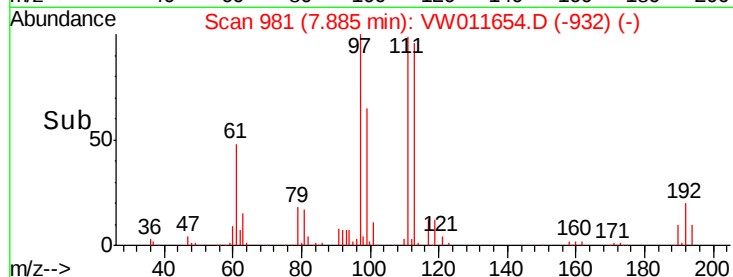
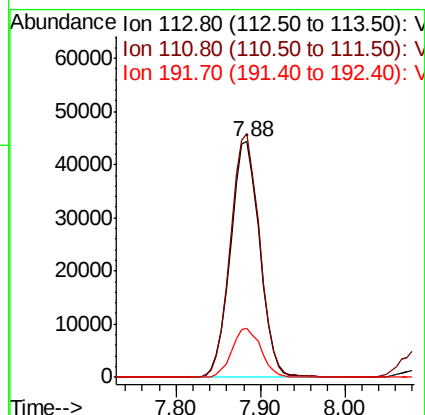
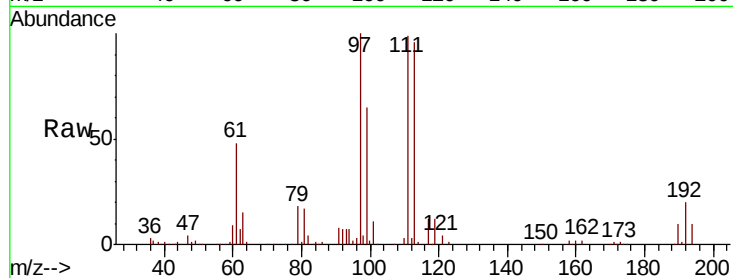




#35
 Dibromofluoromethane
 Concen: 50.407 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

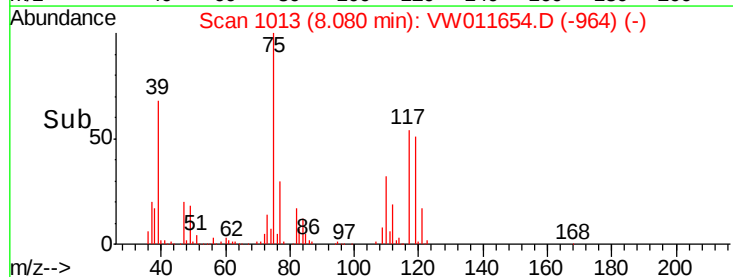
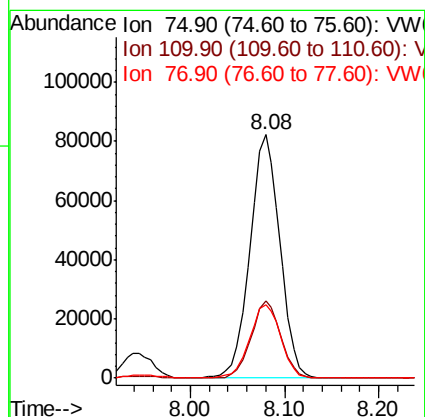
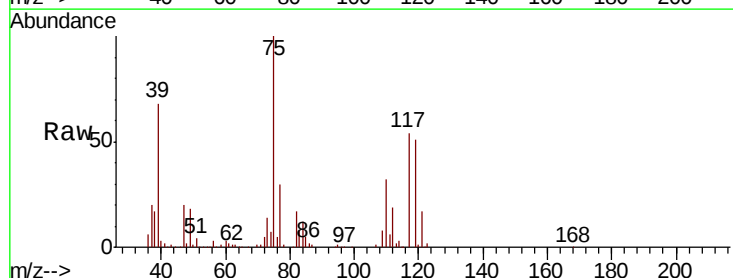
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

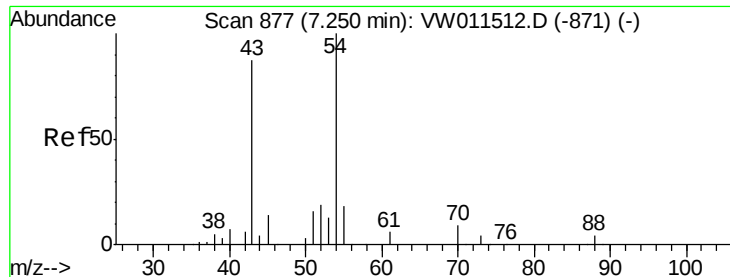
Tgt Ion:113 Resp: 104520
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.7 124.1
 192 20.5 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 47.642 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 75 Resp: 183097
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 31.3 24.3 36.5

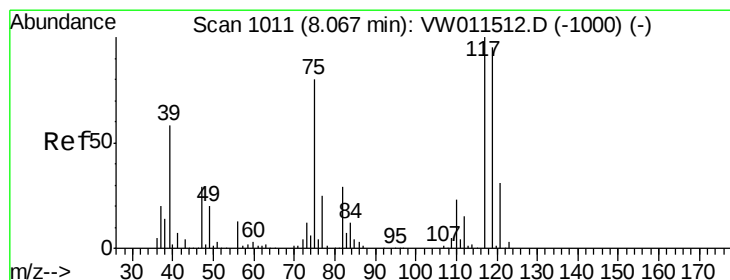
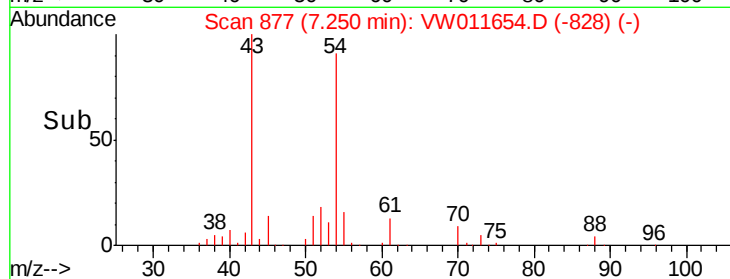
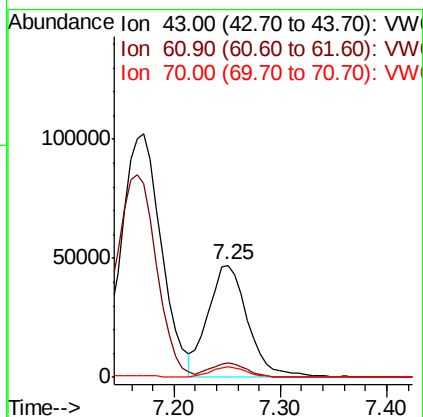
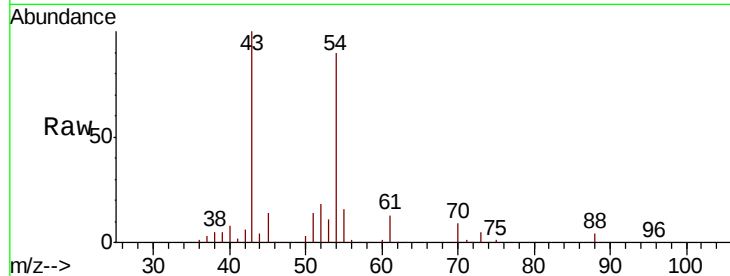




#37
Ethyl Acetate
Concen: 54.451 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

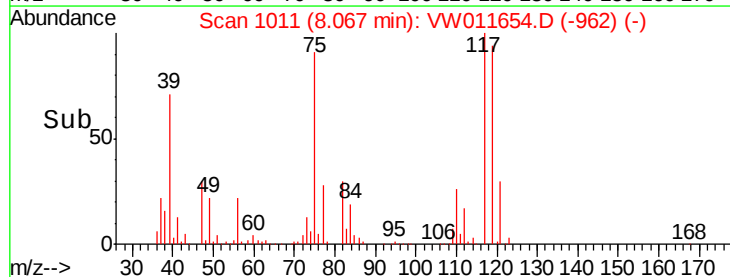
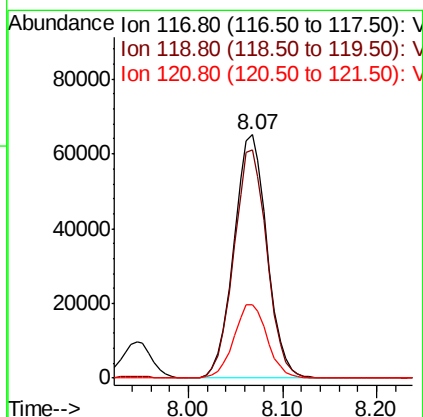
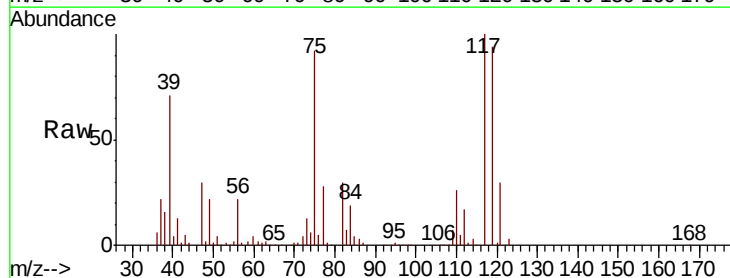
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

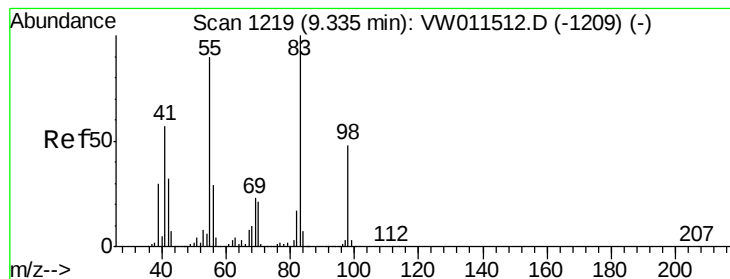
Tgt Ion: 43 Resp: 120395
Ion Ratio Lower Upper
43 100
61 11.8 8.8 13.2
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.545 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 117 Resp: 159714
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 46.238 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

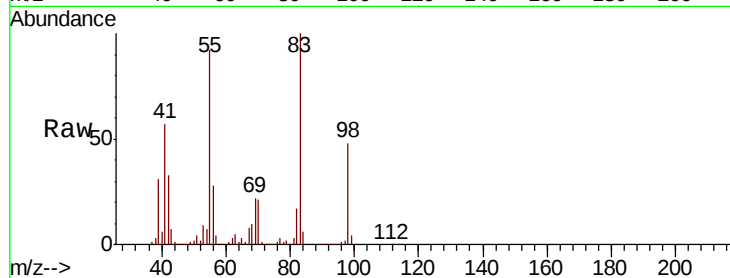
Tgt Ion: 83 Resp: 195670

Ion Ratio Lower Upper

83 100

55 92.5 72.1 108.1

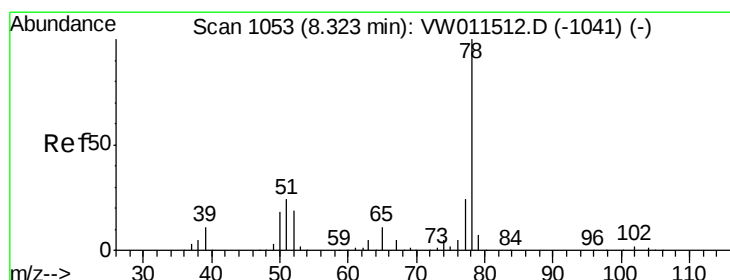
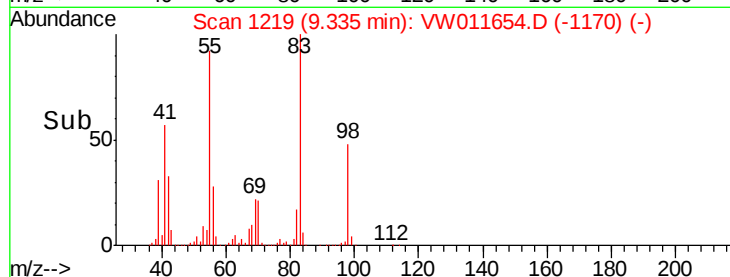
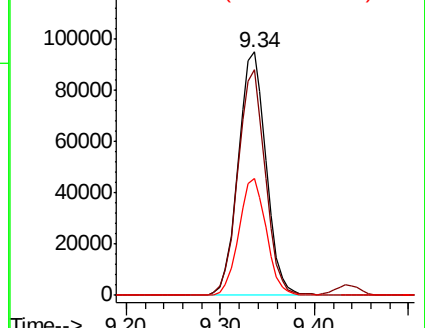
98 48.1 38.6 57.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 50.637 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW011654.D

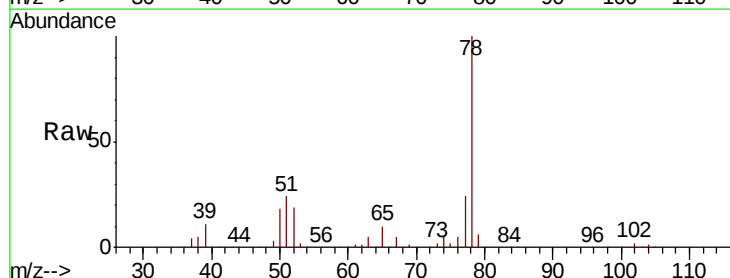
Acq: 03 Aug 2019 07:18

Tgt Ion: 78 Resp: 545107

Ion Ratio Lower Upper

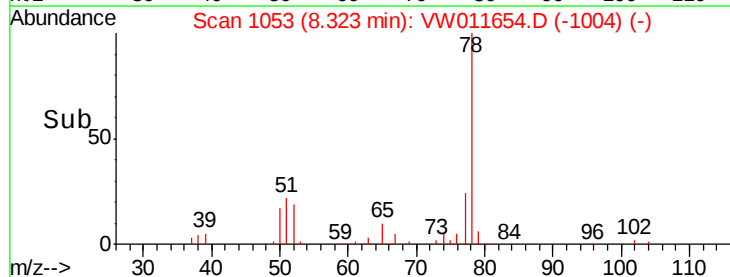
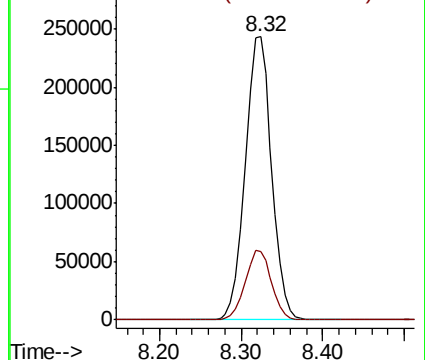
78 100

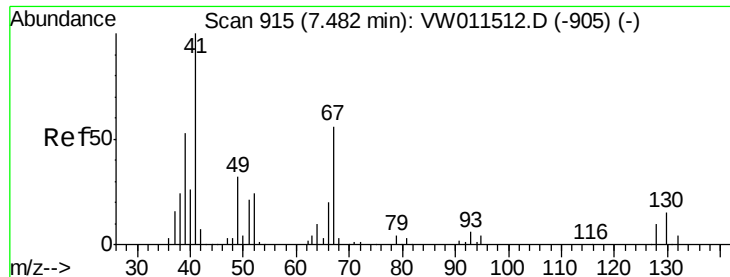
77 24.1 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 56.668 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 74899

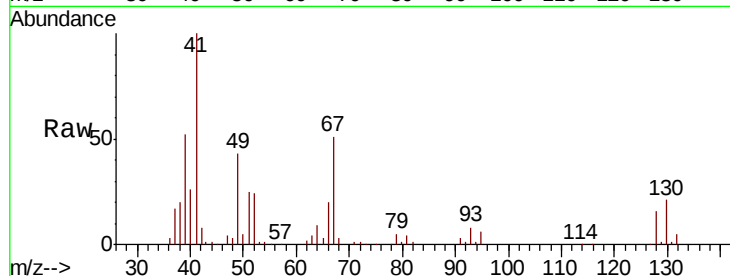
Ion Ratio Lower Upper

41 100

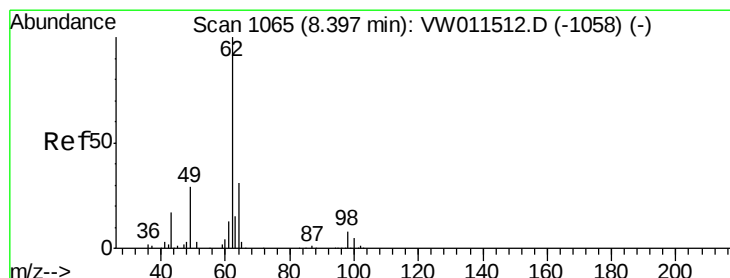
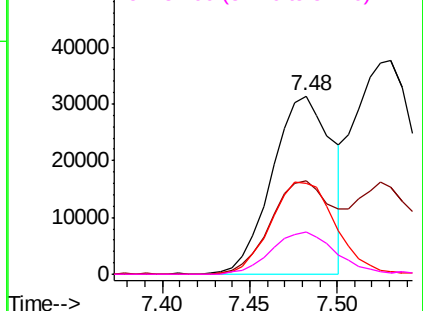
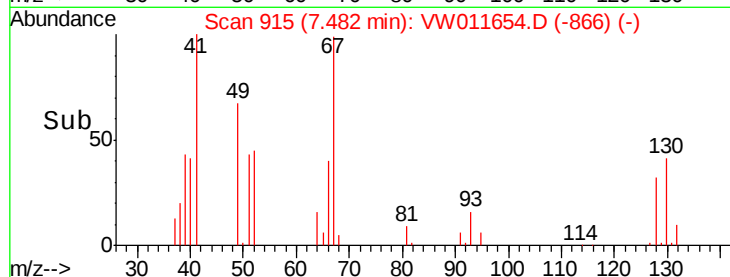
39 58.6 43.0 64.4

67 56.4 47.5 71.3

52 26.0 21.0 31.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.459 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011654.D

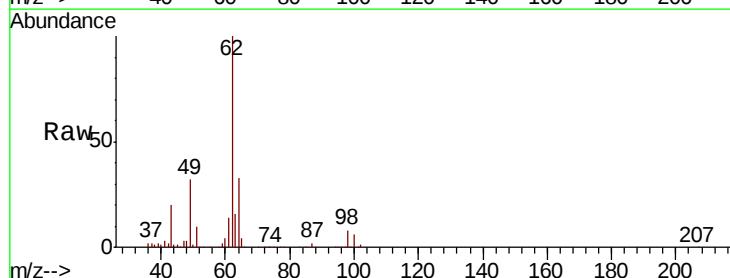
Acq: 03 Aug 2019 07:18

Tgt Ion: 62 Resp: 180176

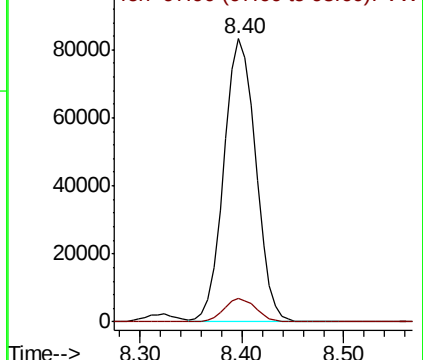
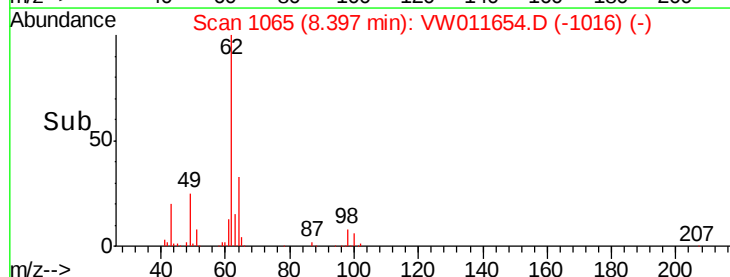
Ion Ratio Lower Upper

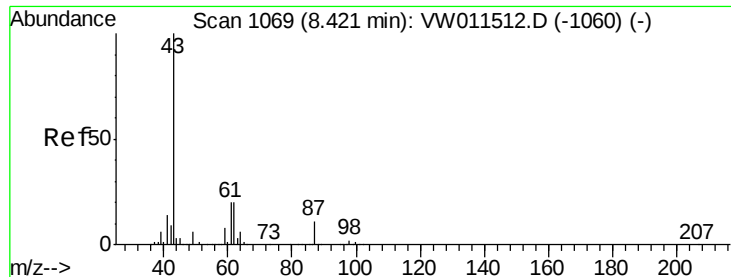
62 100

98 8.4 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.349 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

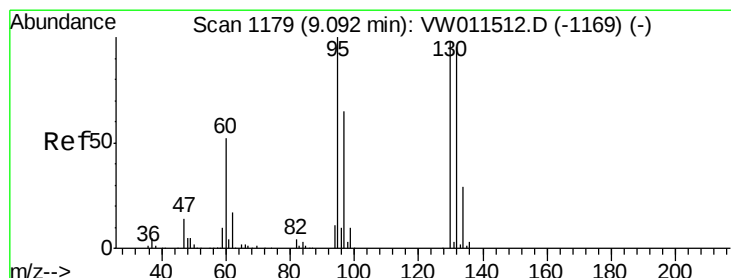
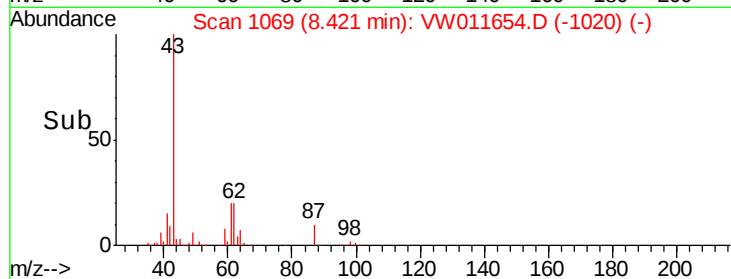
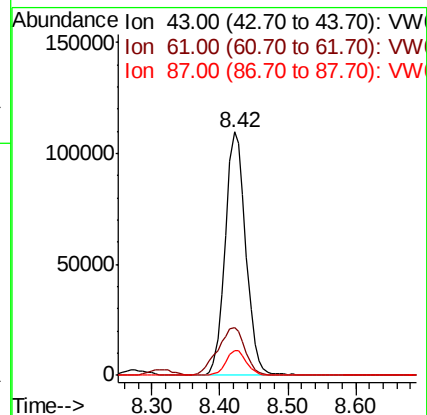
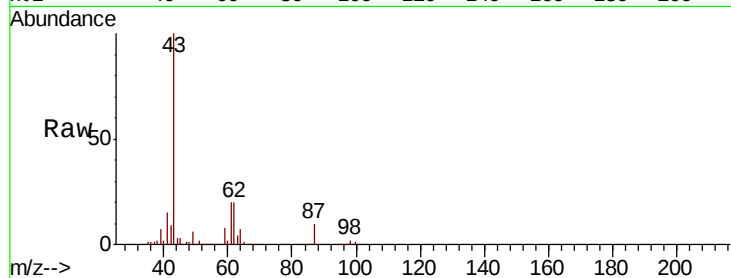
Tgt Ion: 43 Resp: 229133

Ion Ratio Lower Upper

43 100

61 25.8 21.5 32.3

87 10.3 8.4 12.6



#44

Trichloroethene

Concen: 49.912 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011654.D

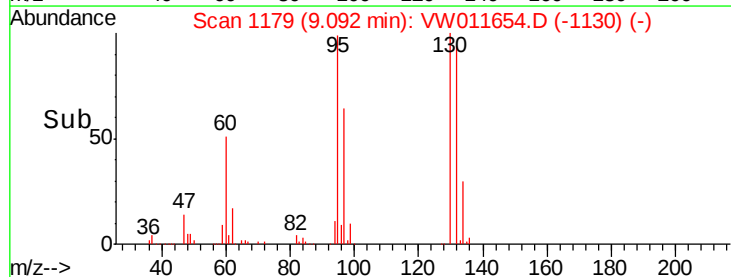
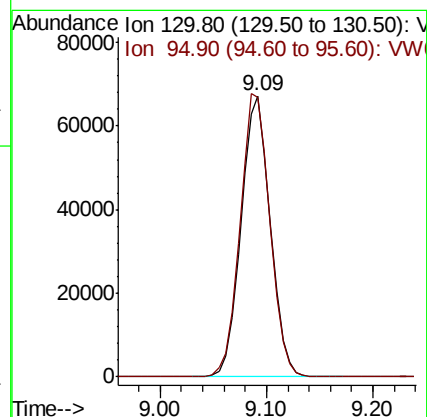
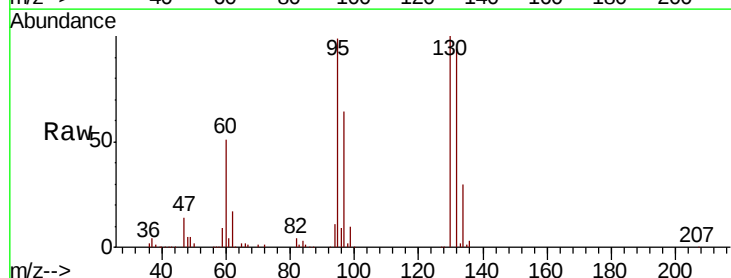
Acq: 03 Aug 2019 07:18

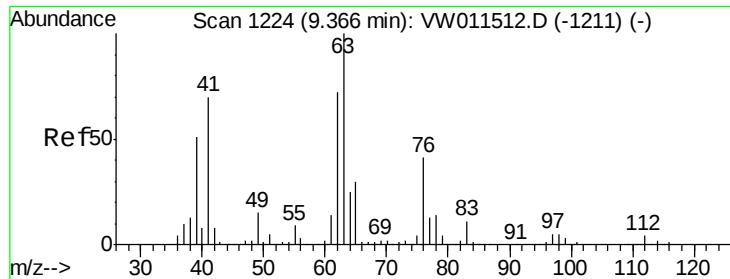
Tgt Ion: 130 Resp: 129138

Ion Ratio Lower Upper

130 100

95 99.3 0.0 204.8

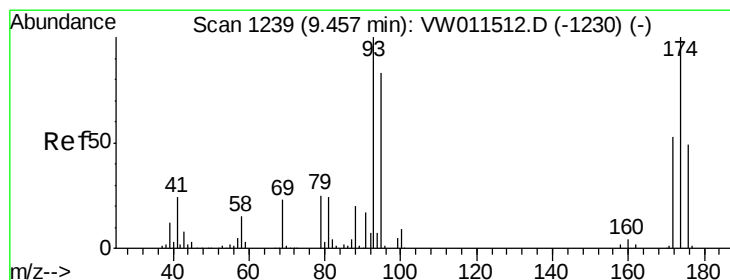
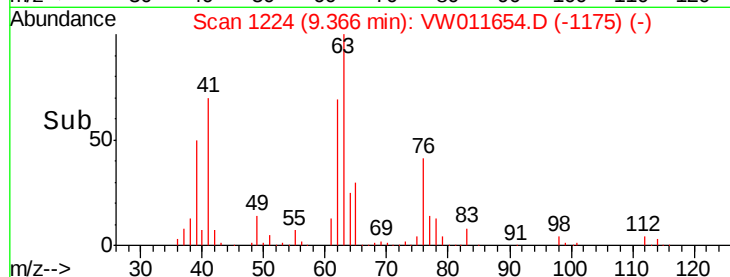
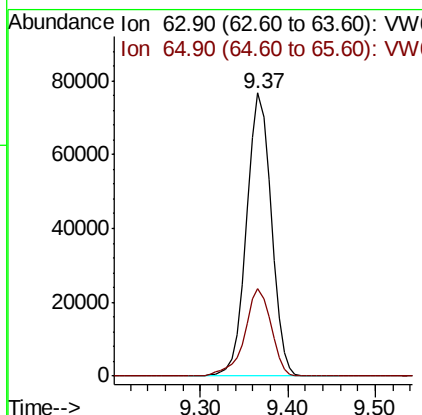
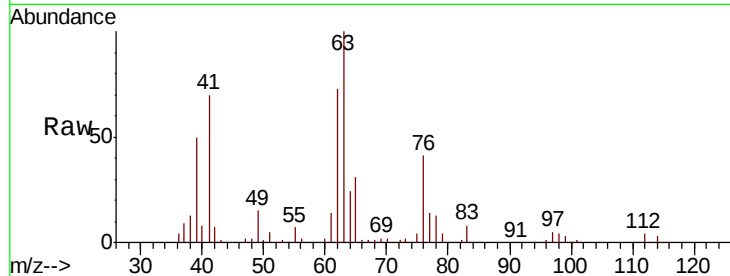




#45
 1,2-Dichloropropane
 Concen: 52.399 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

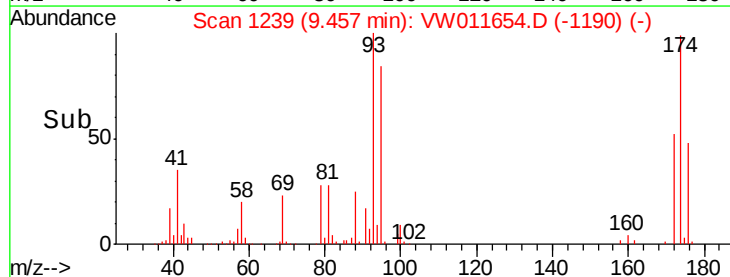
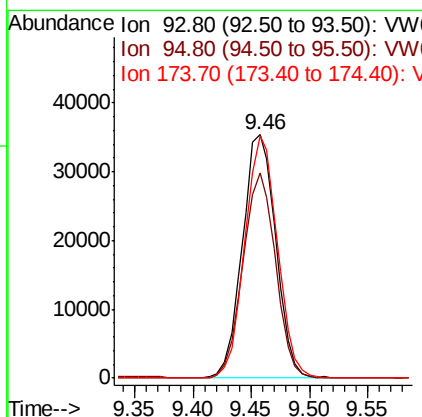
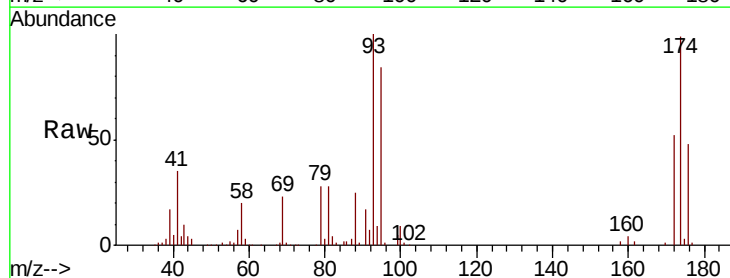
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

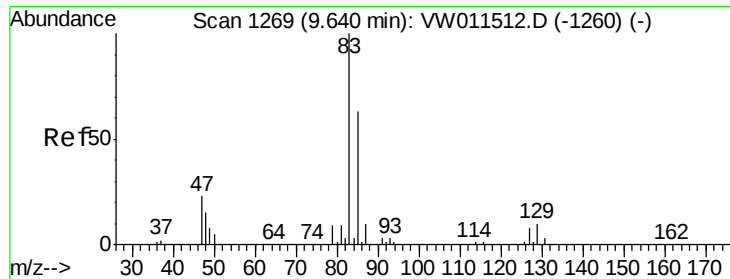
Tgt Ion: 63 Resp: 150928
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 54.210 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 93 Resp: 71267
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.2
 174 96.6 78.2 117.4





#47

Bromodichloromethane

Concen: 52.998 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

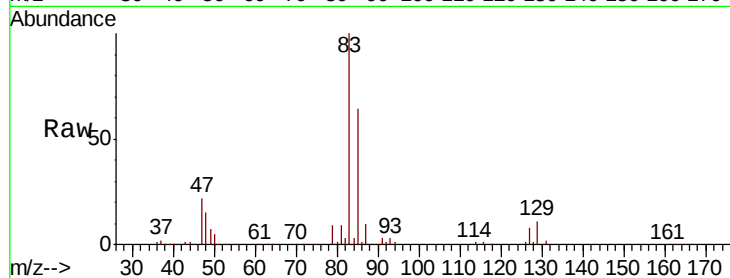
Tgt Ion: 83 Resp: 182763

Ion Ratio Lower Upper

83 100

85 63.9 50.5 75.7

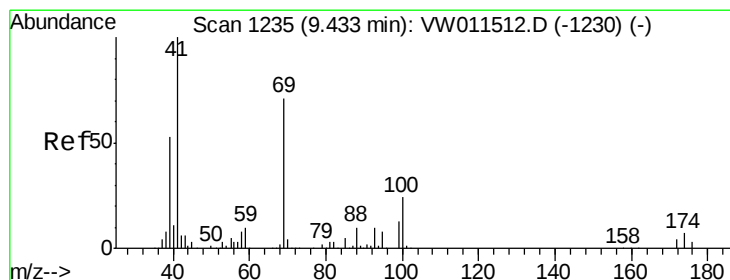
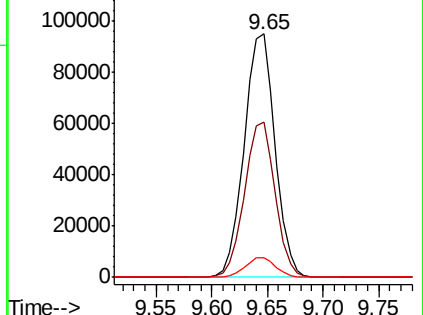
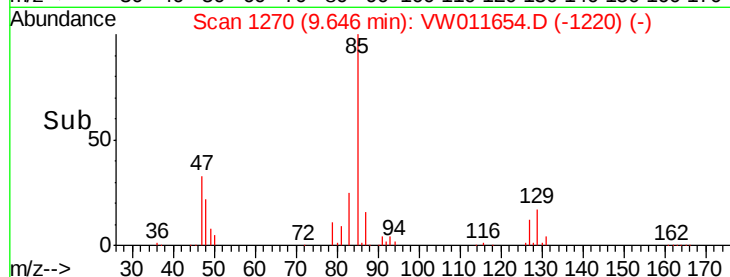
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 57.919 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

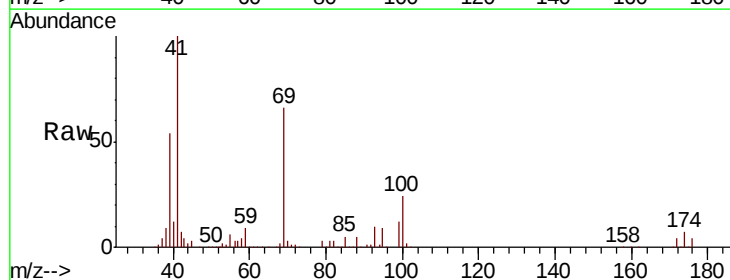
Tgt Ion: 41 Resp: 113135

Ion Ratio Lower Upper

41 100

69 71.0 57.1 85.7

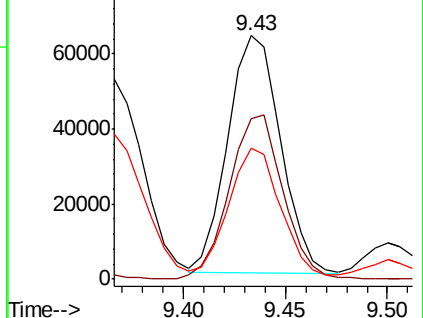
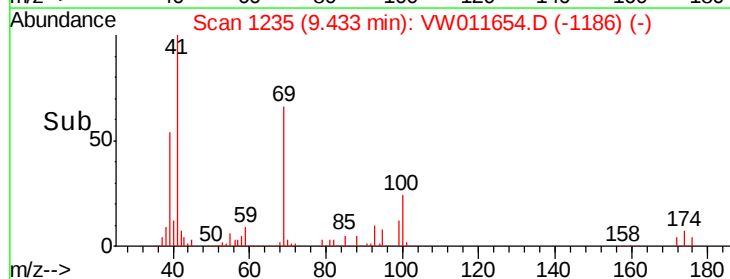
39 55.7 45.4 68.2

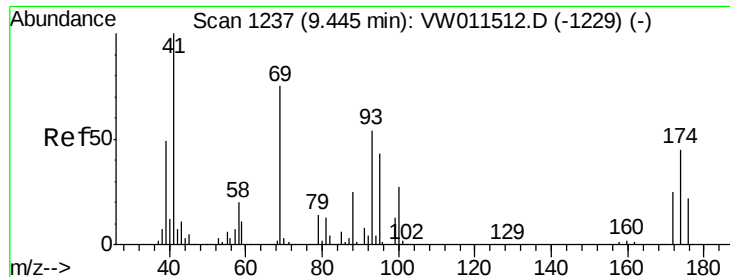


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1117.667 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

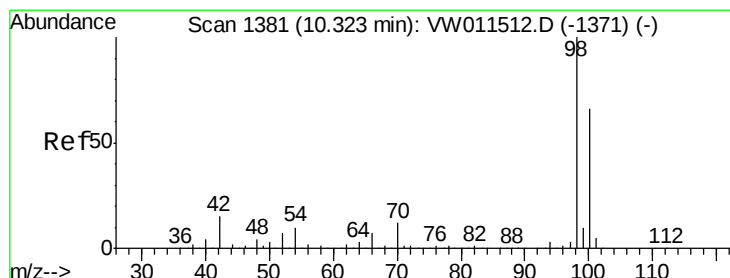
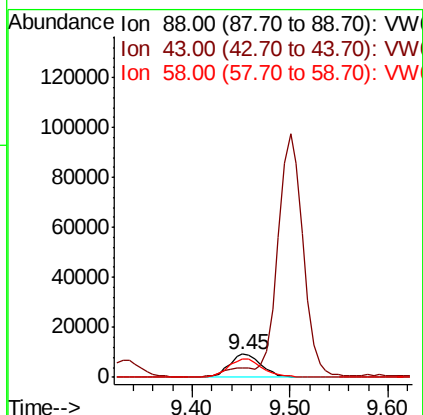
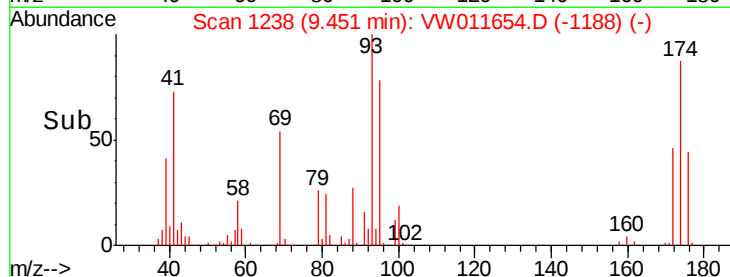
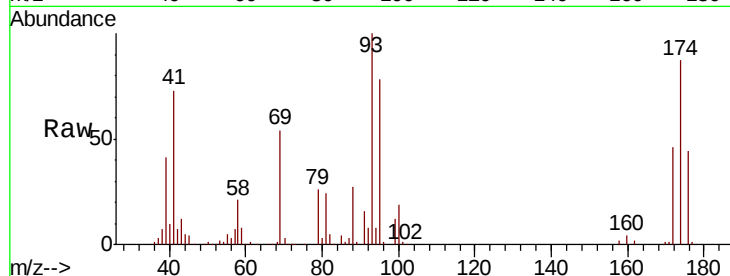
Tgt Ion: 88 Resp: 21275

Ion Ratio Lower Upper

88 100

43 39.1 34.0 51.0

58 85.9 69.7 104.5



#50

Toluene-d8

Concen: 49.209 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011654.D

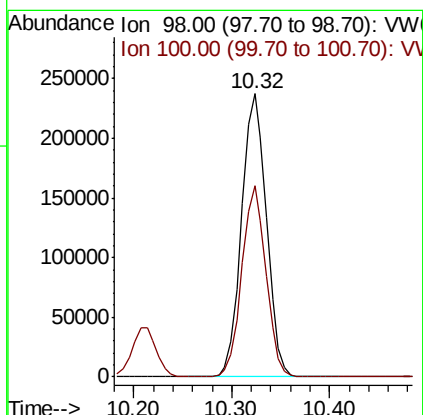
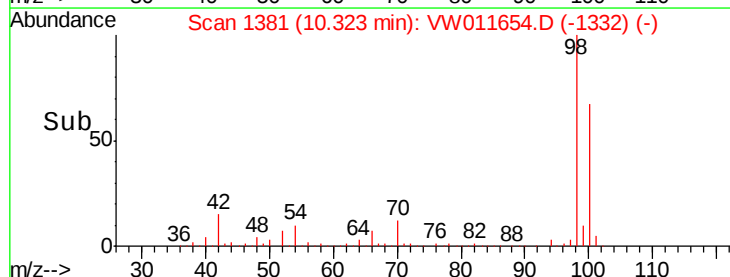
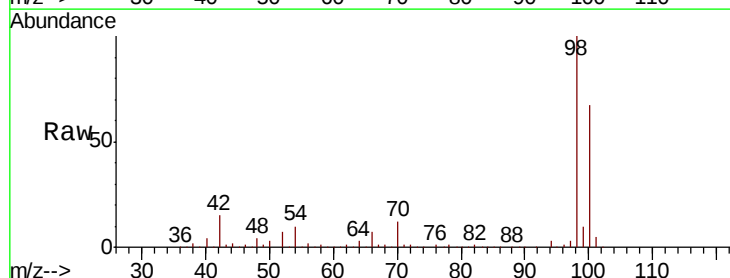
Acq: 03 Aug 2019 07:18

Tgt Ion: 98 Resp: 417765

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

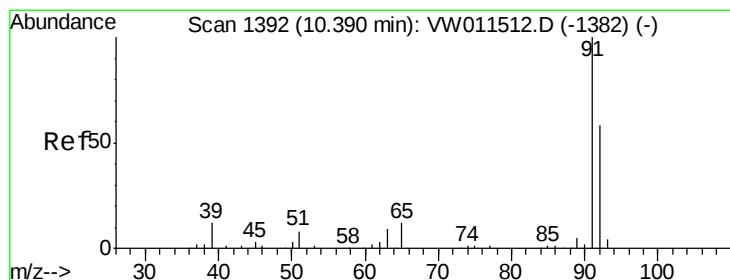
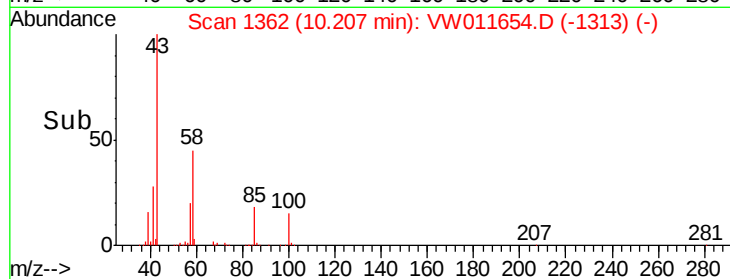
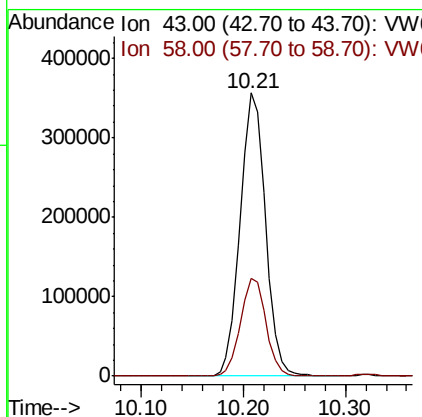
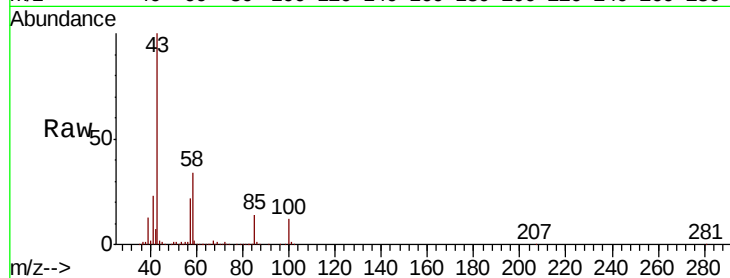




#51
 4-Methyl-2-Pentanone
 Concen: 290.104 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

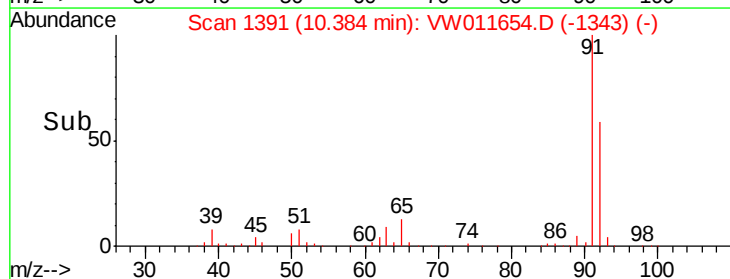
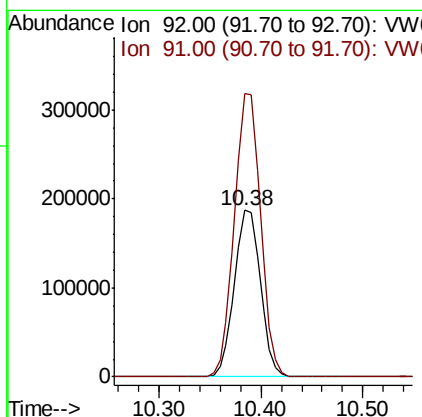
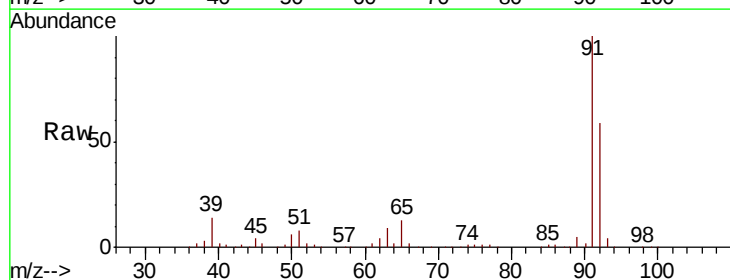
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

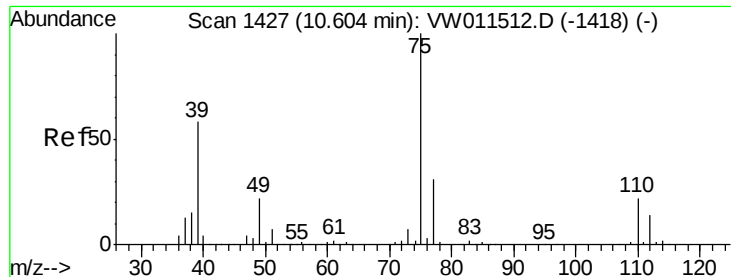
Tgt Ion: 43 Resp: 613602
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 50.975 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 92 Resp: 331382
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.7 205.1

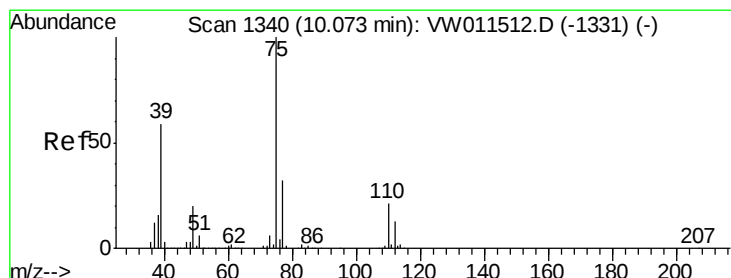
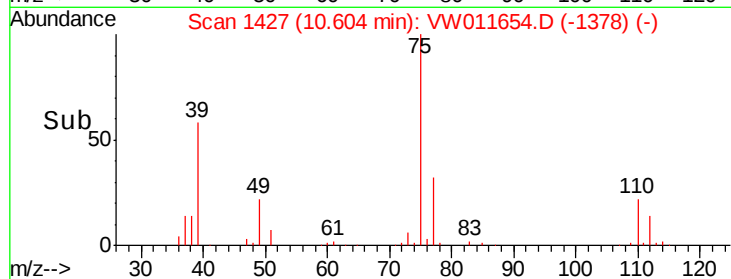
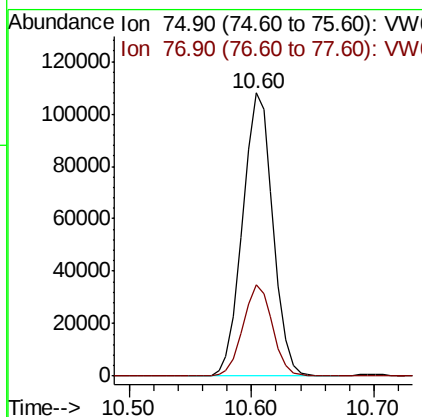
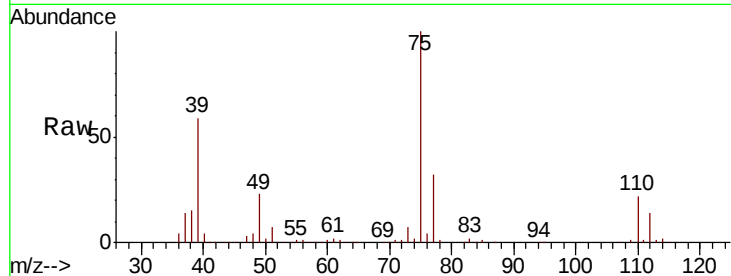




#53
 t-1,3-Dichloropropene
 Concen: 51.464 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

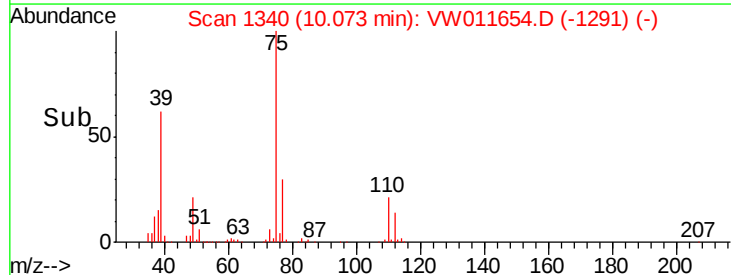
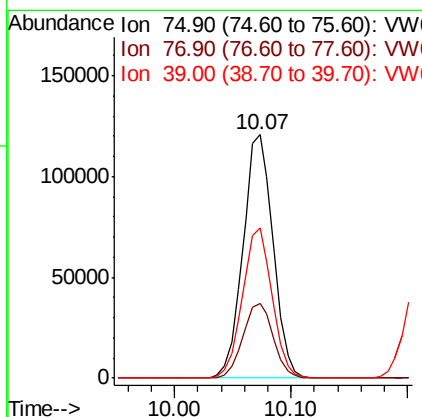
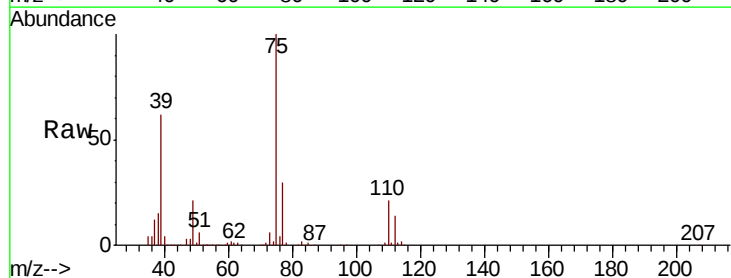
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

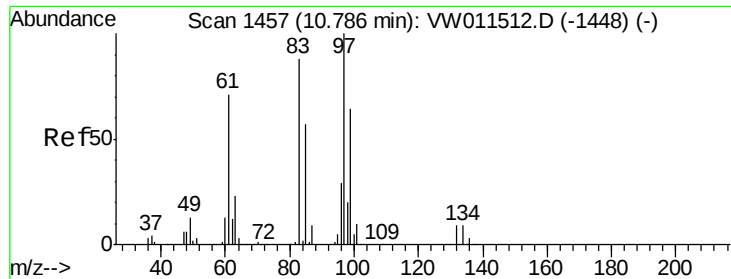
Tgt Ion: 75 Resp: 185390
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.798 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 75 Resp: 217575
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 61.6 47.0 70.4

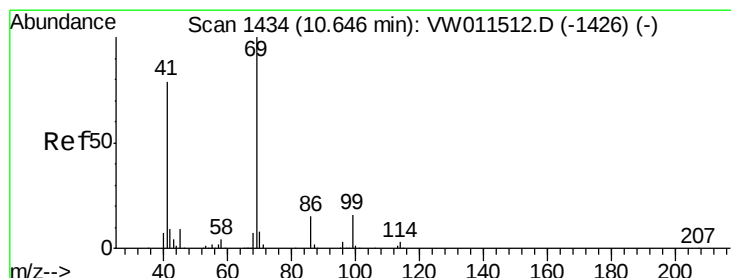
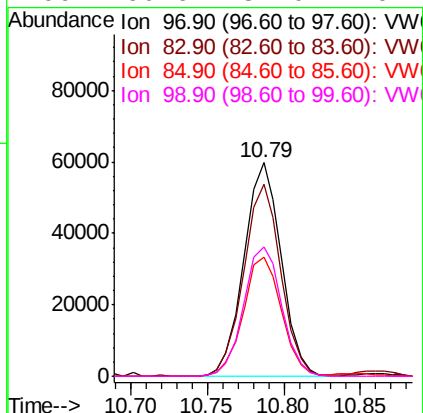
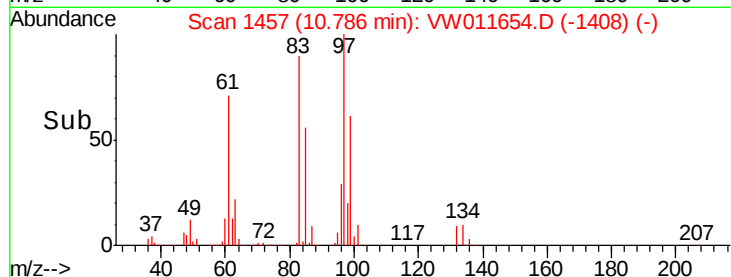
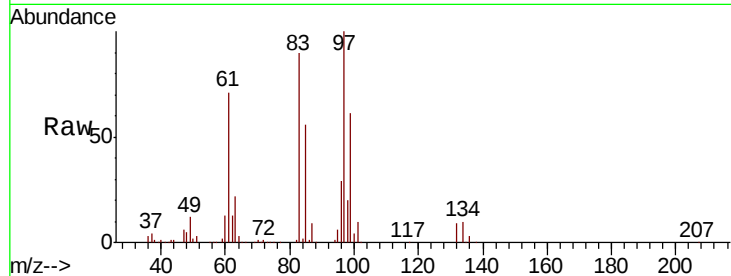




#55
 1,1,2-Trichloroethane
 Concen: 54.367 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

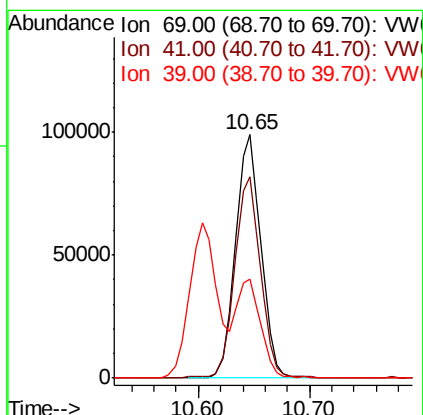
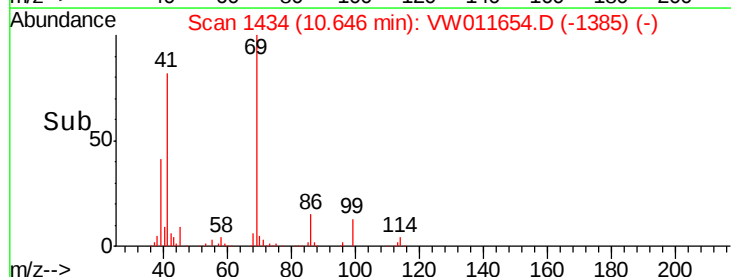
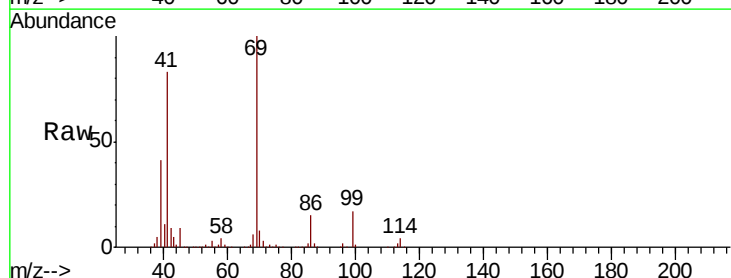
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

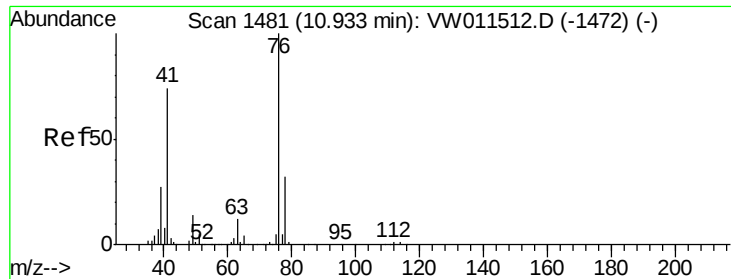
Tgt Ion:	97	Resp:	101410
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	56.0	45.8	68.6
99	60.6	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 57.203 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion:	69	Resp:	156136
Ion	Ratio	Lower	Upper
69	100		
41	84.2	66.6	99.8
39	38.1	30.3	45.5

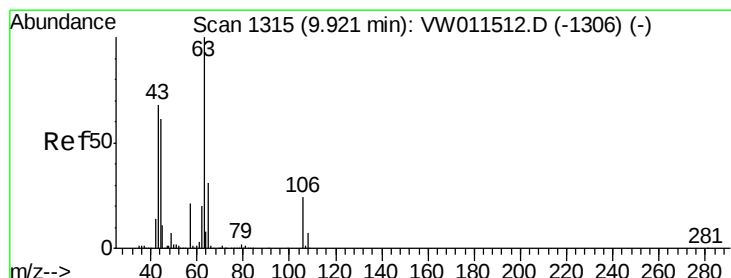
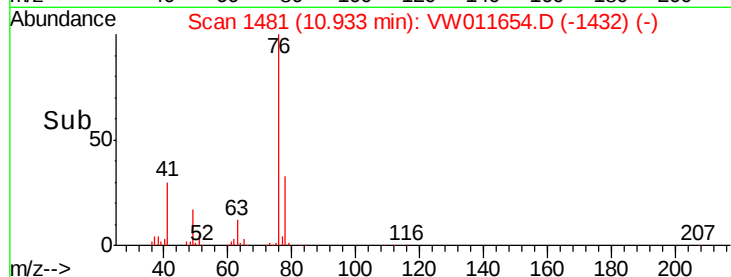
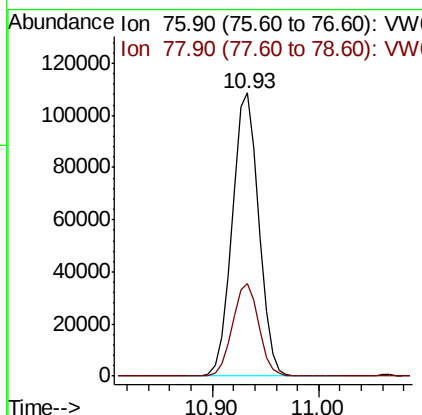
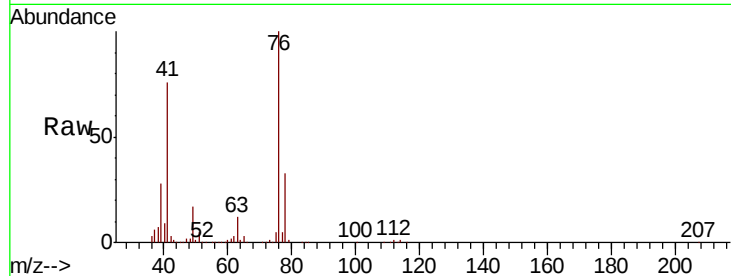




#57
 1,3-Dichloropropane
 Concen: 53.793 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

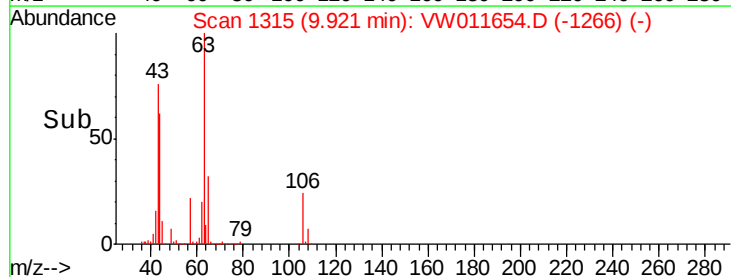
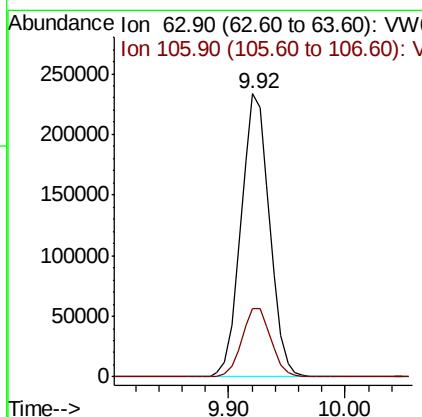
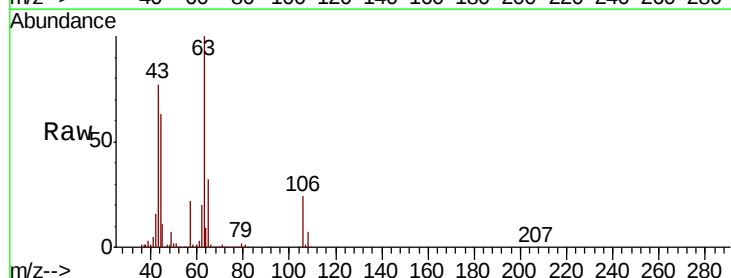
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 189832
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 321.618 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 63 Resp: 398582
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.7 29.5





#59

2-Hexanone

Concen: 272.875 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

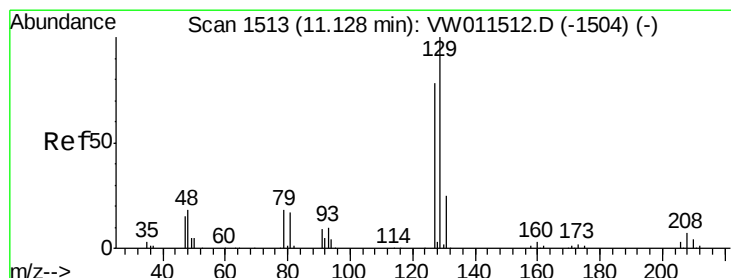
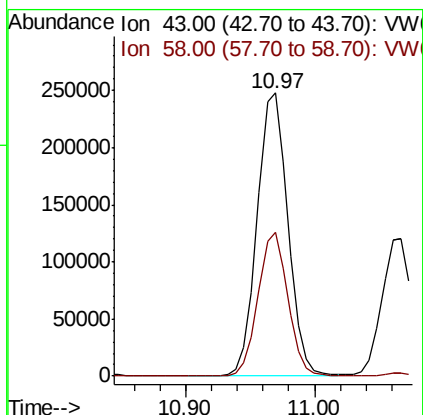
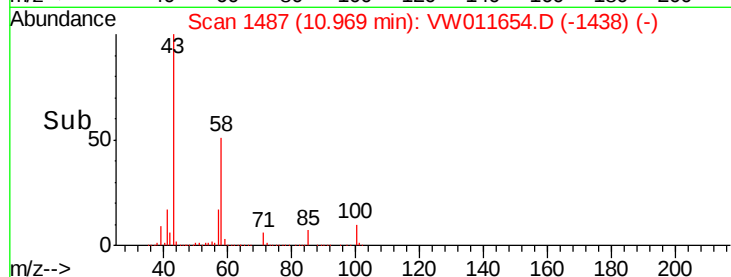
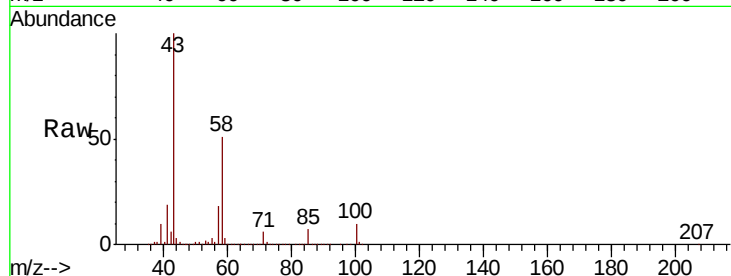
VSTDCCC050EC

Tgt Ion: 43 Resp: 407512

Ion Ratio Lower Upper

43 100

58 49.5 24.3 72.9



#60

Dibromochloromethane

Concen: 54.780 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011654.D

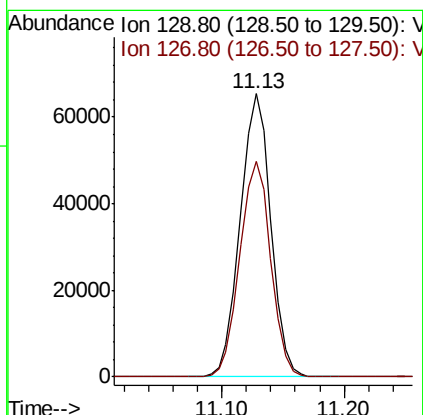
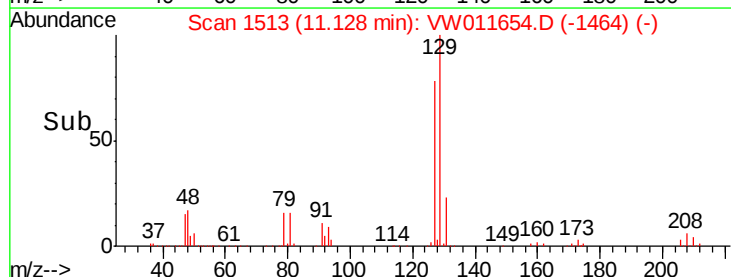
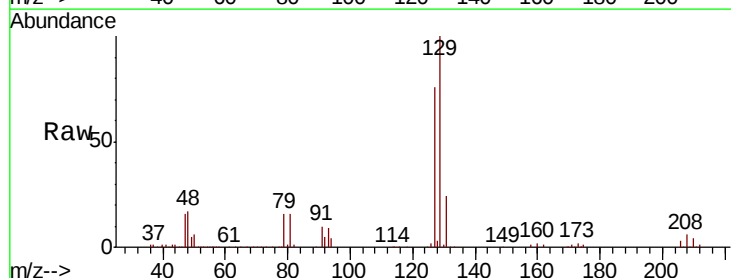
Acq: 03 Aug 2019 07:18

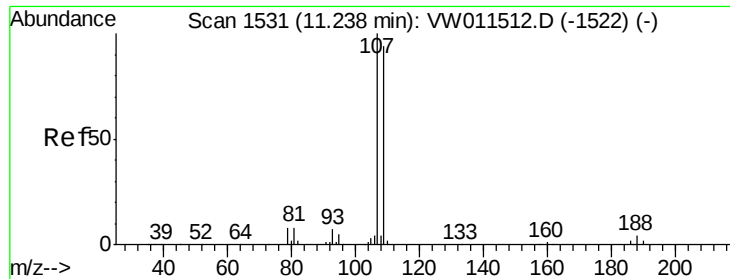
Tgt Ion: 129 Resp: 113422

Ion Ratio Lower Upper

129 100

127 77.0 38.9 116.7

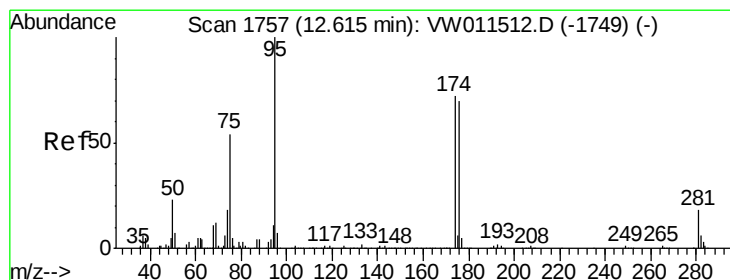
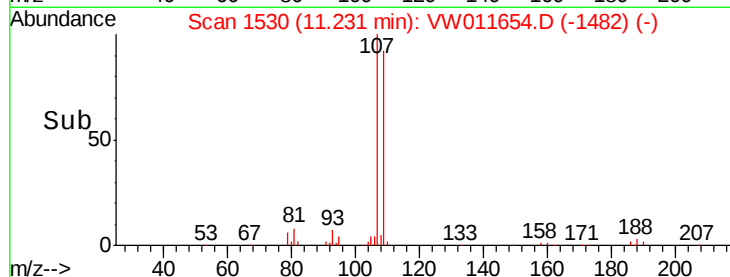
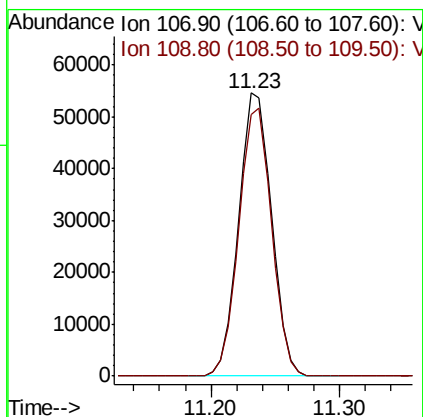
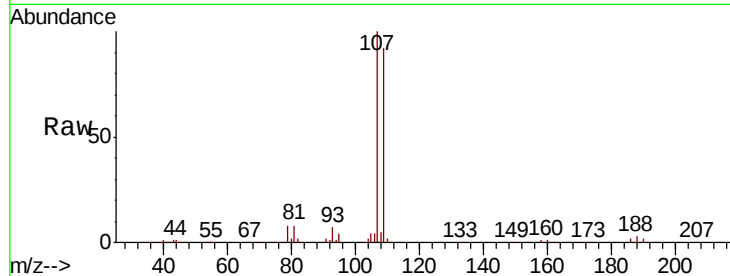




#61
 1,2-Dibromoethane
 Concen: 54.682 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

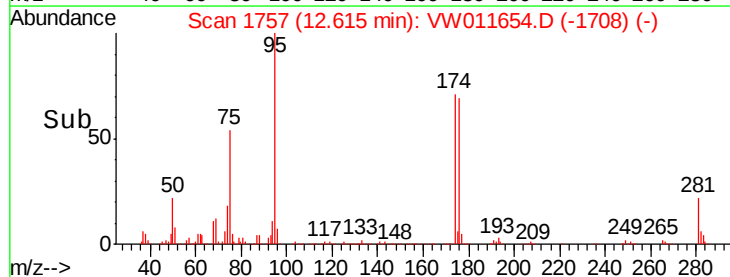
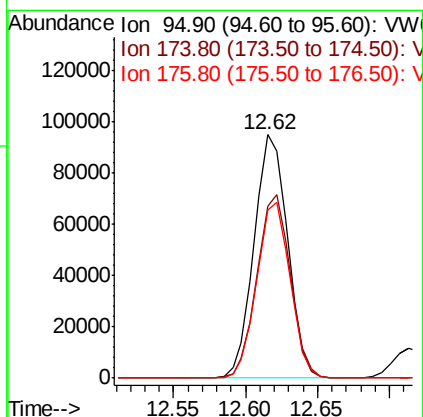
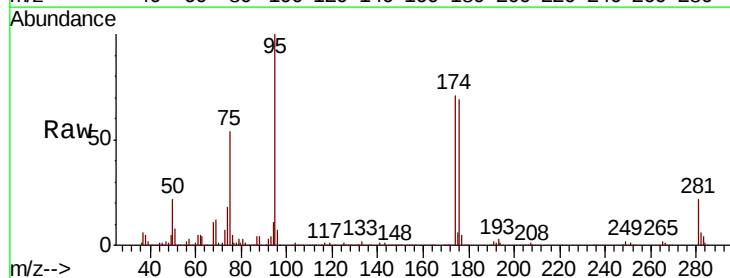
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

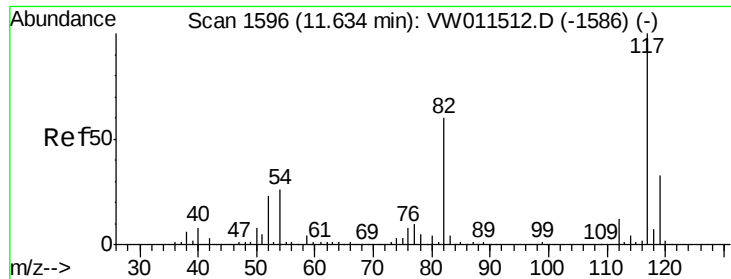
Tgt Ion: 107 Resp: 96523
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.283 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 95 Resp: 152193
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.2
 176 72.1 0.0 144.4

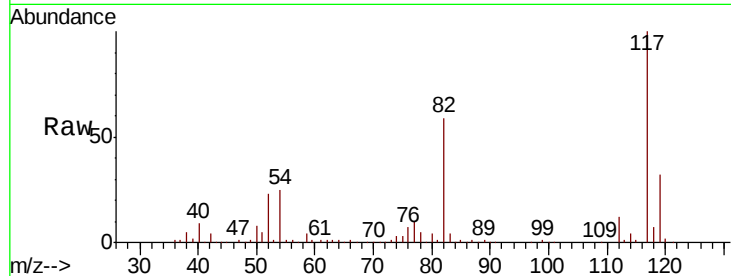




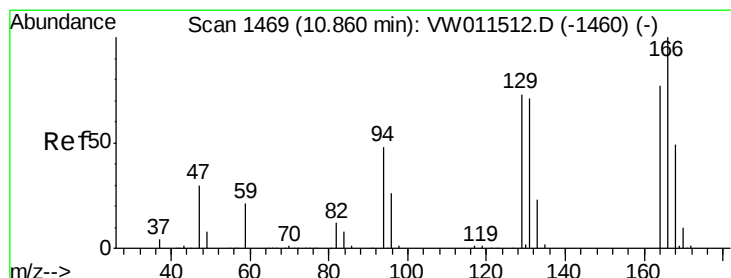
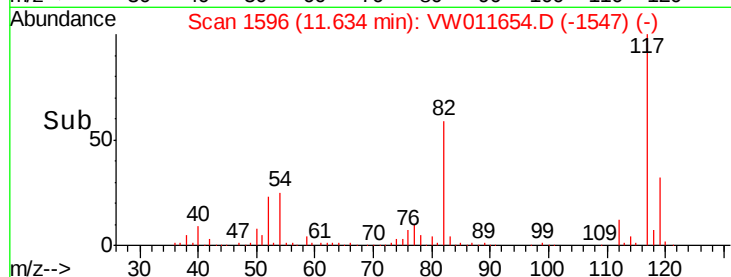
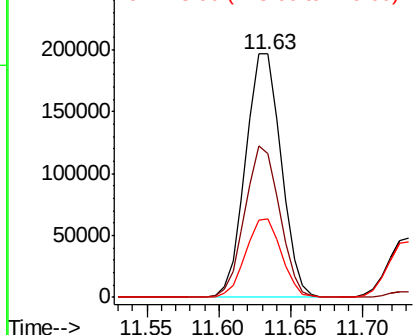
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 336942
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 32.2 26.2 39.2

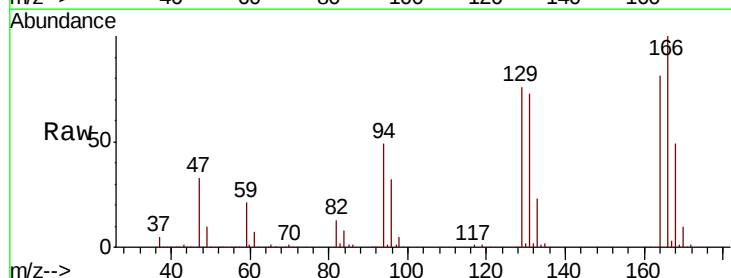


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

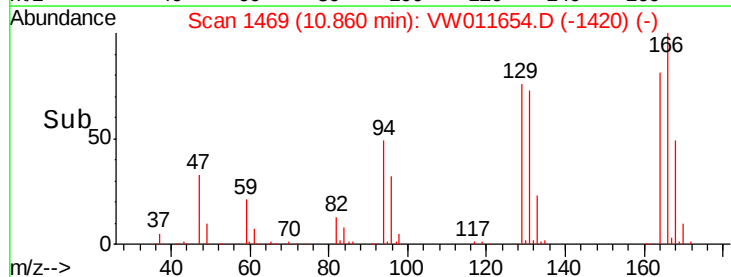
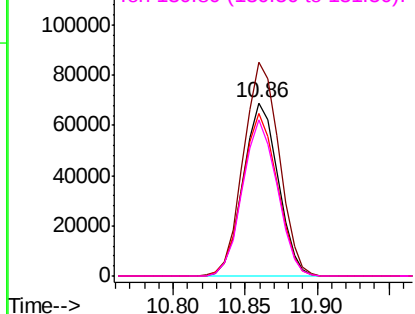


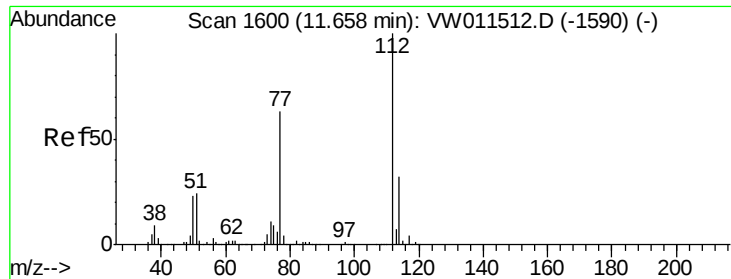
#64
Tetrachloroethene
Concen: 52.823 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion:164 Resp: 115887
Ion Ratio Lower Upper
164 100
166 123.3 103.5 155.3
129 94.2 75.2 112.8
131 90.0 73.4 110.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

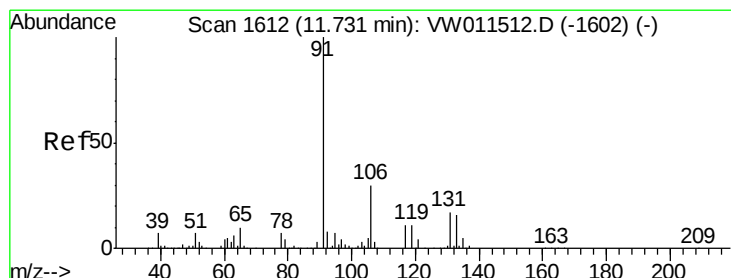
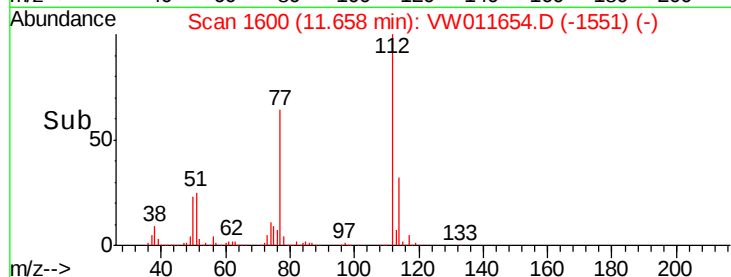
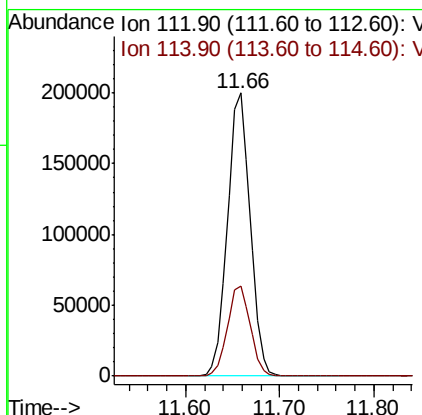
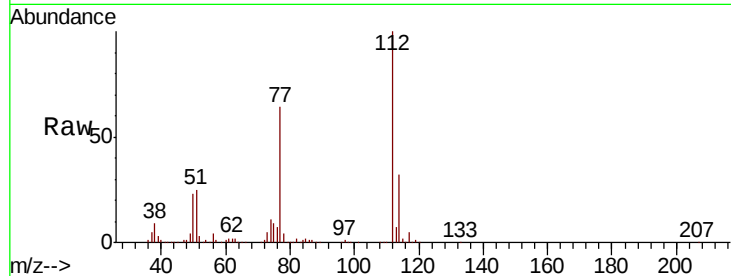




#65
Chlorobenzene
Concen: 49.265 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

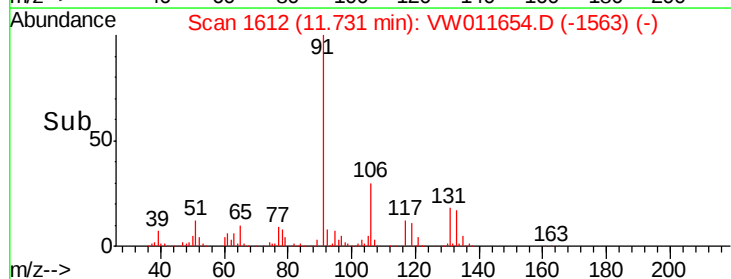
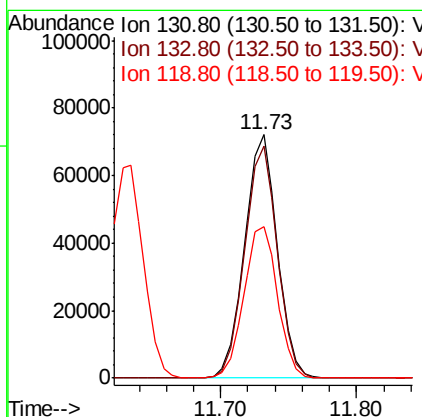
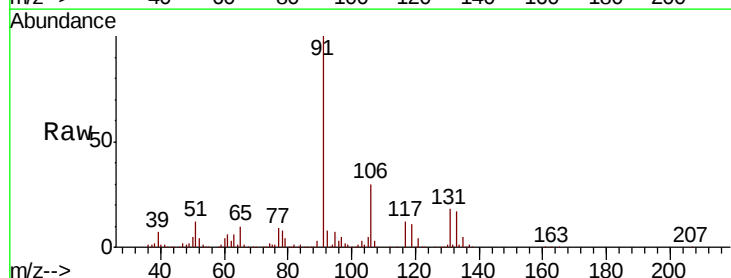
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

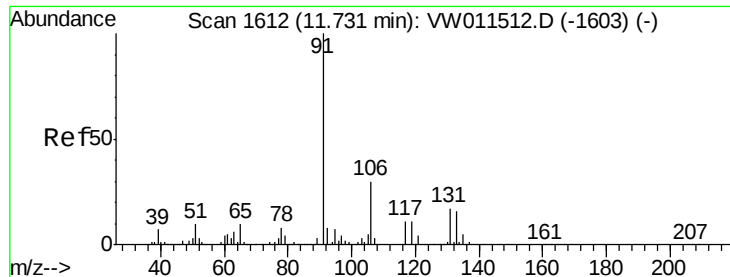
Tgt Ion:112 Resp: 333726
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.177 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion:131 Resp: 120756
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 64.1 32.3 96.9

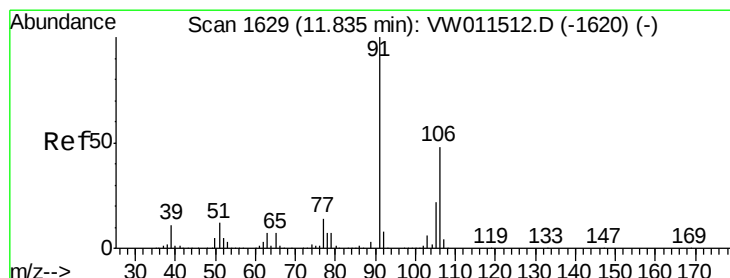
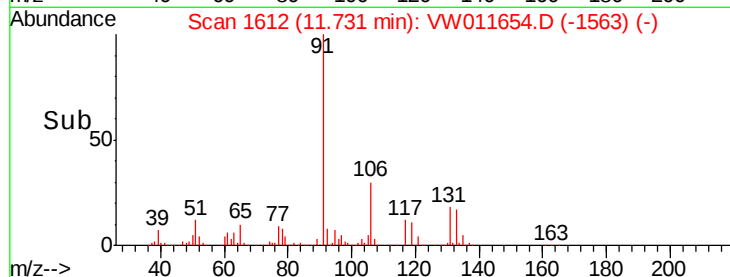
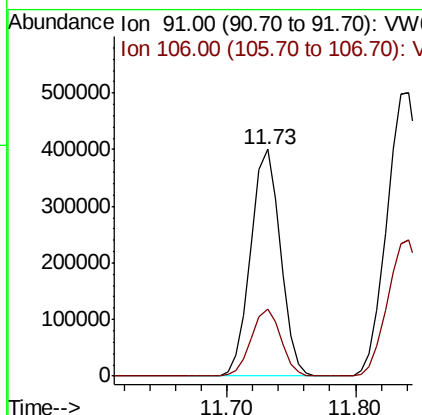
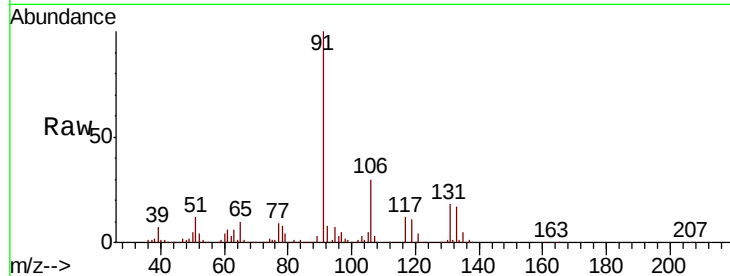




#67
Ethyl Benzene
Concen: 49.389 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

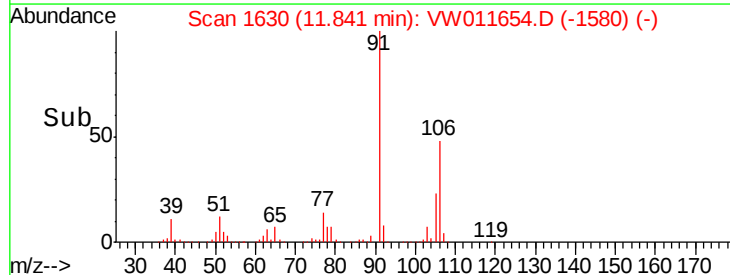
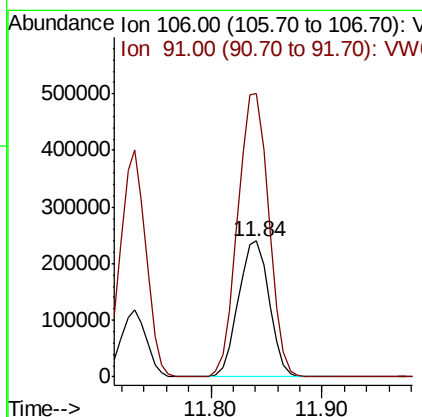
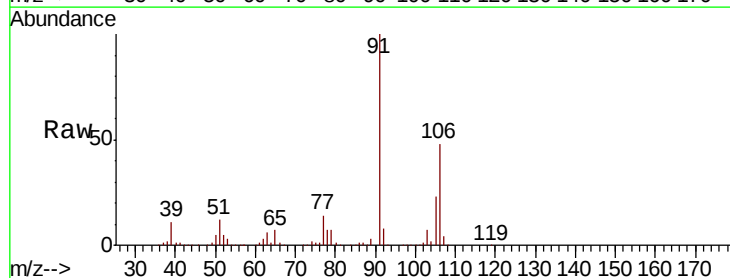
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

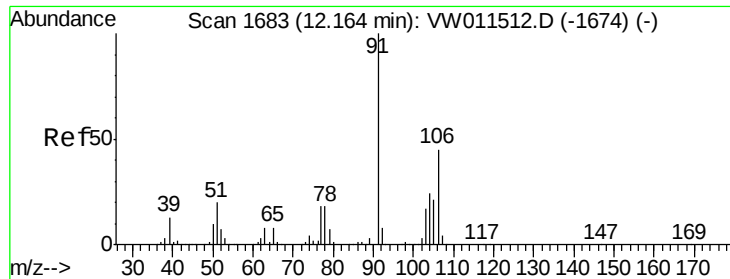
Tgt Ion: 91 Resp: 637196
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 97.982 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 106 Resp: 459726
Ion Ratio Lower Upper
106 100
91 210.9 168.2 252.2

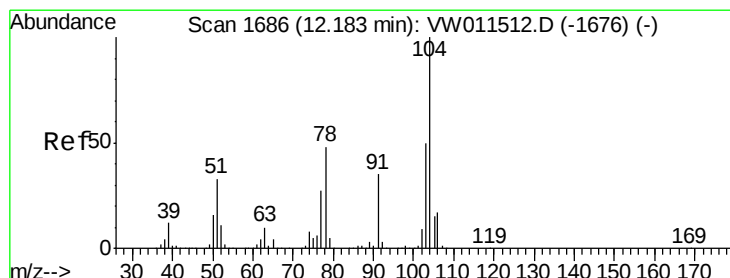
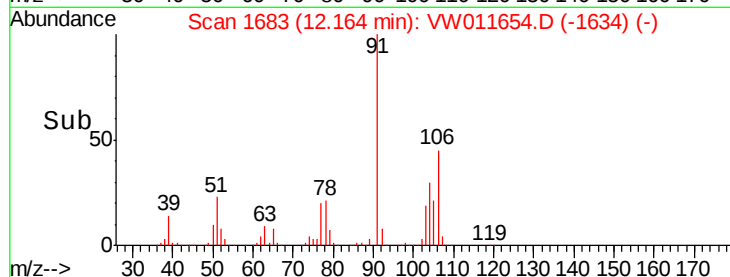
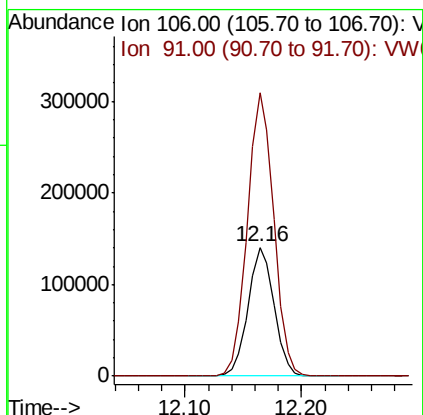
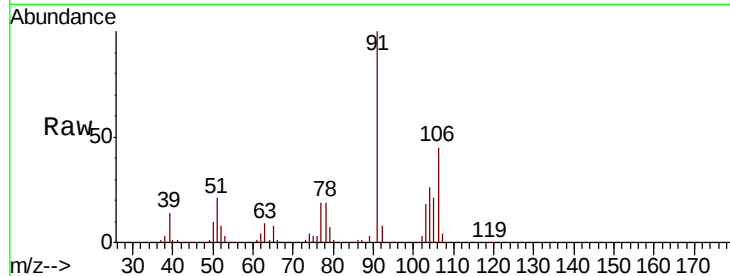




#69
o-Xylene
Concen: 50.387 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

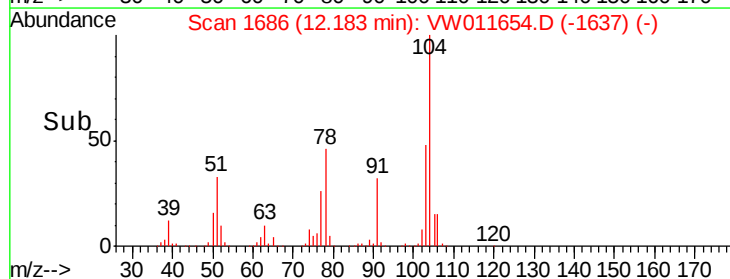
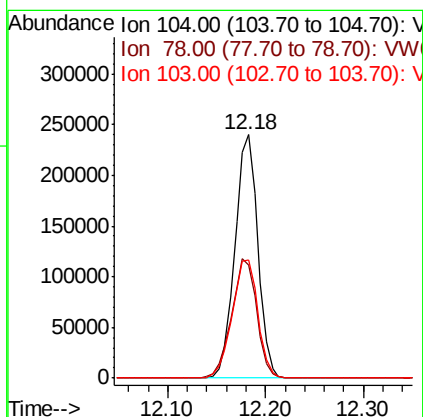
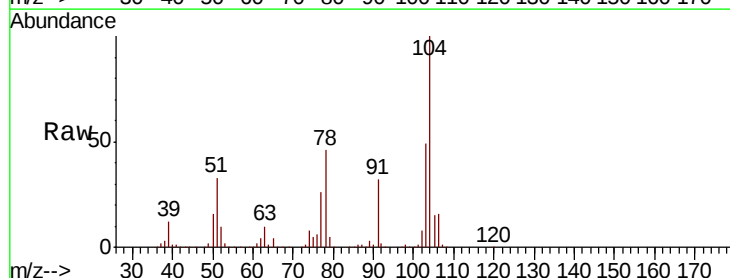
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

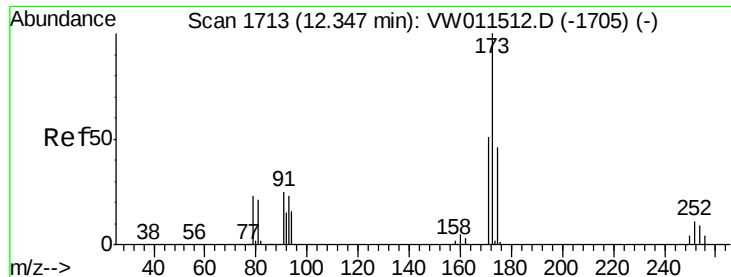
Tgt Ion:106 Resp: 219688
Ion Ratio Lower Upper
106 100
91 222.9 110.5 331.5



#70
Styrene
Concen: 51.705 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion:104 Resp: 389775
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 54.2 43.9 65.9





#71

Bromoform

Concen: 53.850 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

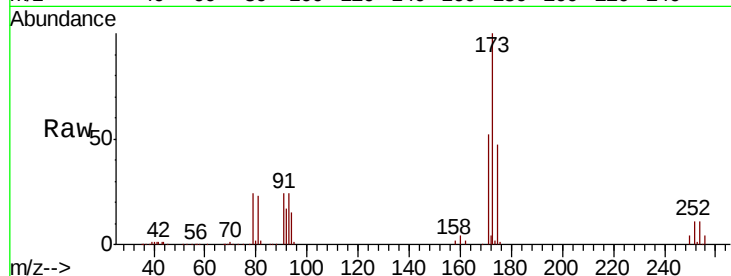
Tgt Ion:173 Resp: 64785

Ion Ratio Lower Upper

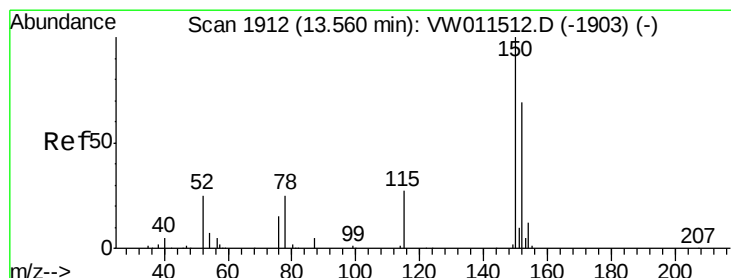
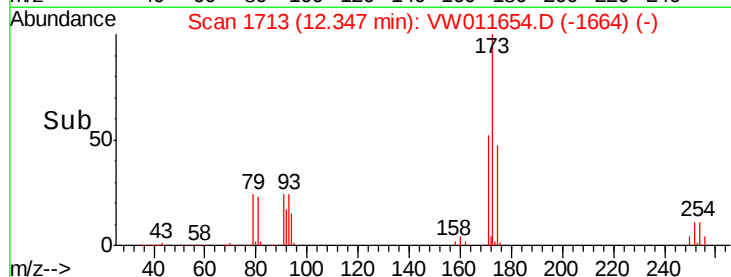
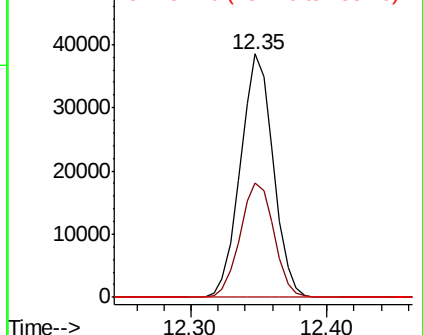
173 100

175 48.4 23.6 71.0

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

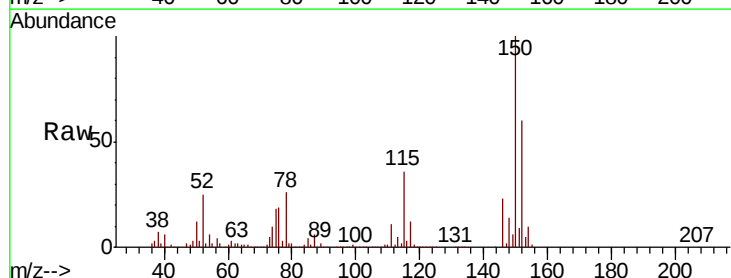
Tgt Ion:152 Resp: 162913

Ion Ratio Lower Upper

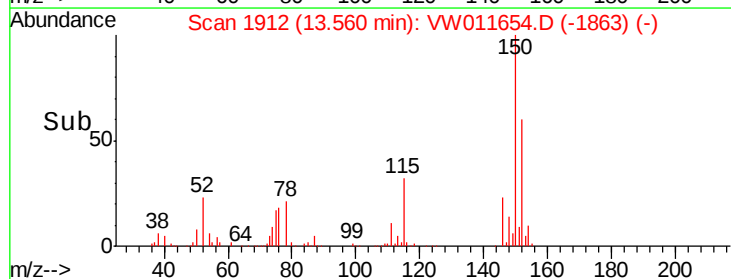
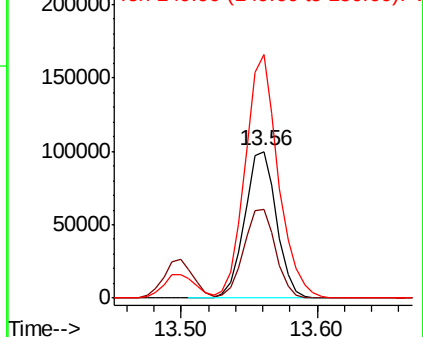
152 100

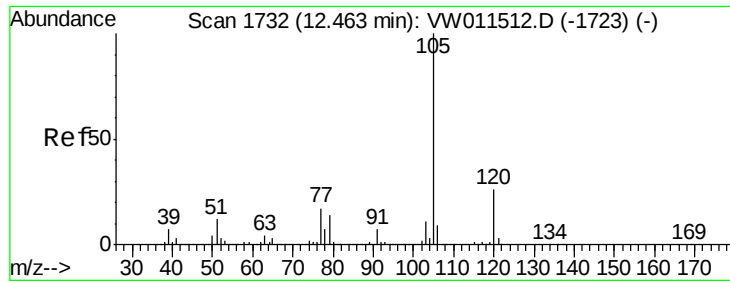
115 60.7 30.5 91.5

150 173.0 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.551 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

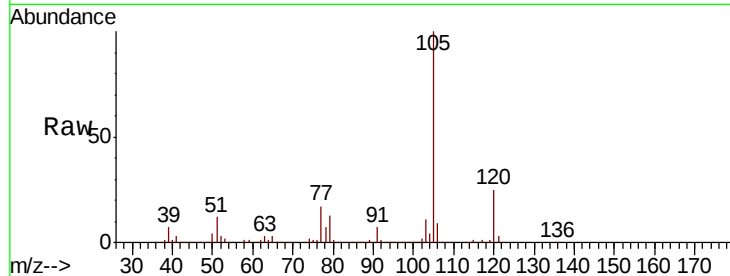
VSTDCCC050EC

Tgt Ion: 105 Resp: 590068

Ion Ratio Lower Upper

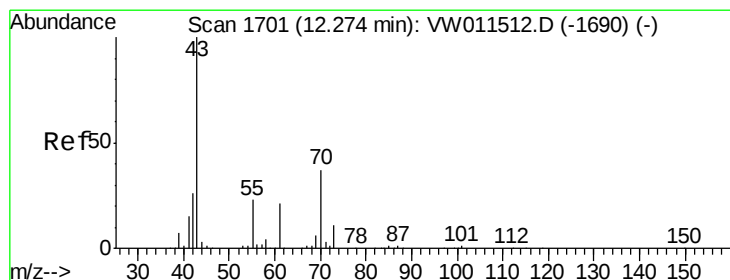
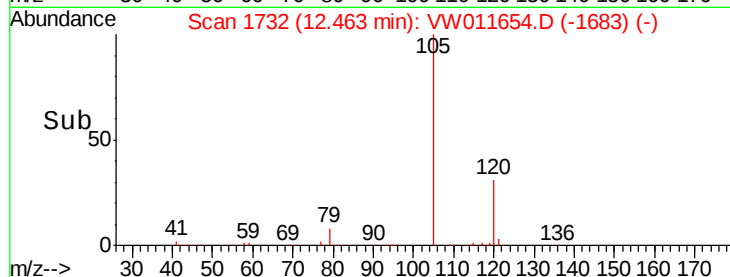
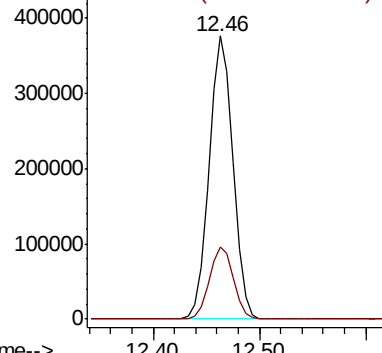
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.403 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Tgt Ion: 43 Resp: 203200

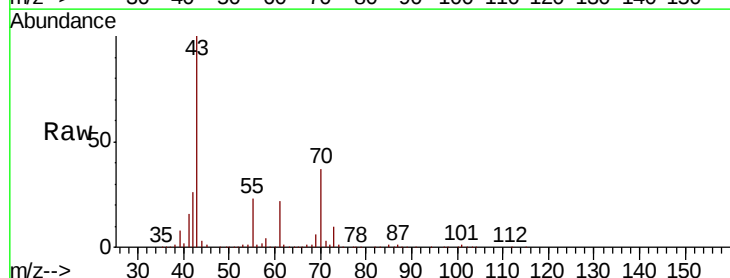
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 23.1 17.8 26.8

61 21.5 17.0 25.6

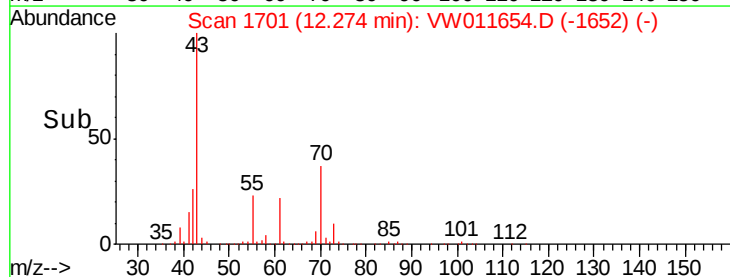
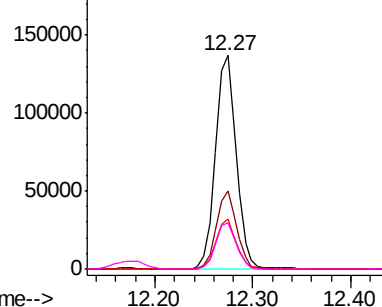


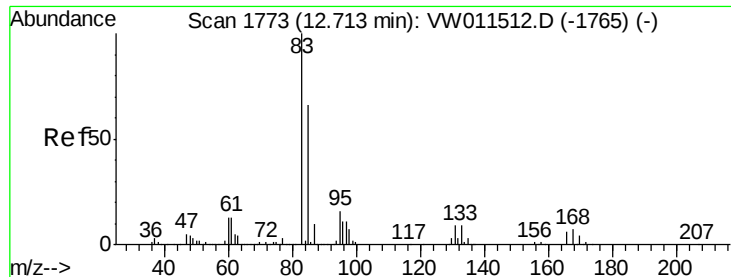
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 53.894 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

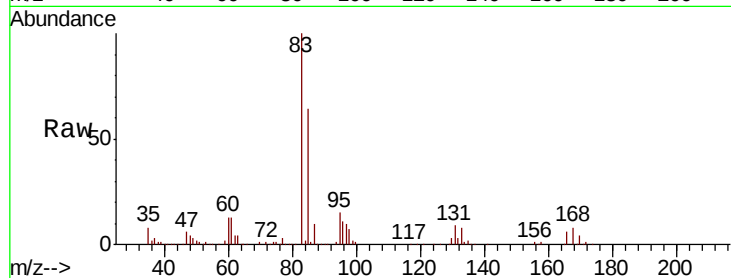
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 123208

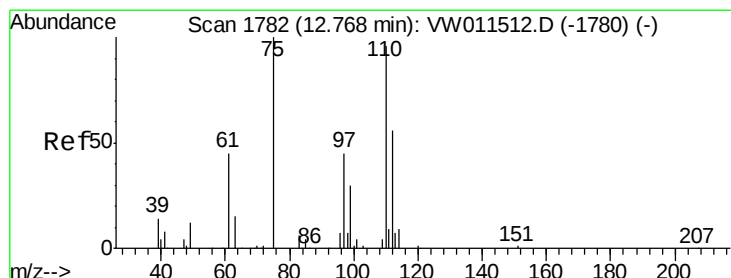
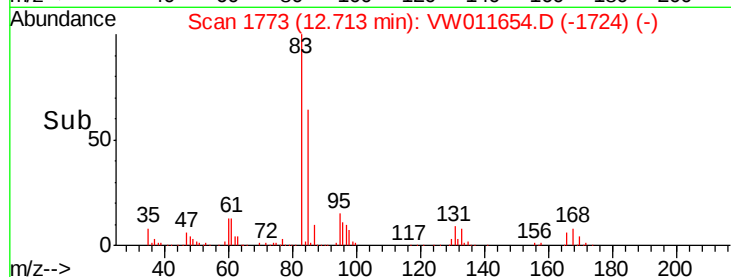
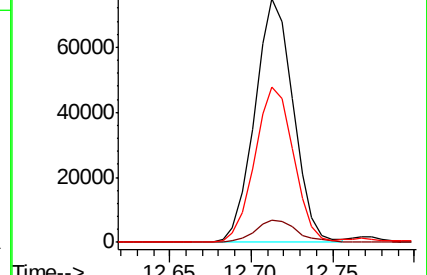
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	64.4	31.8	95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 93.510 ug/l

RT: 12.77 min Scan# 1782

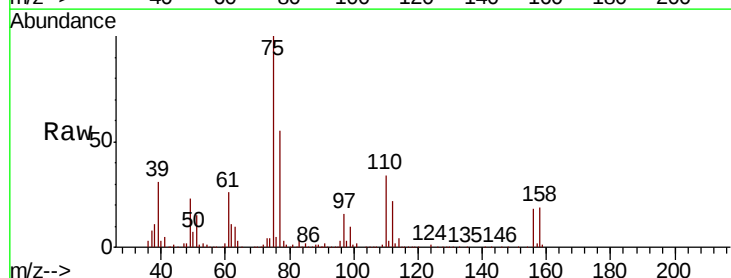
Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

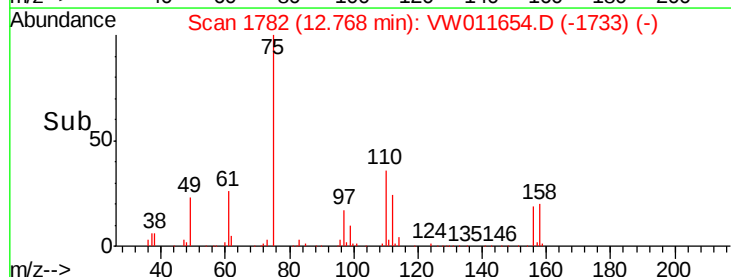
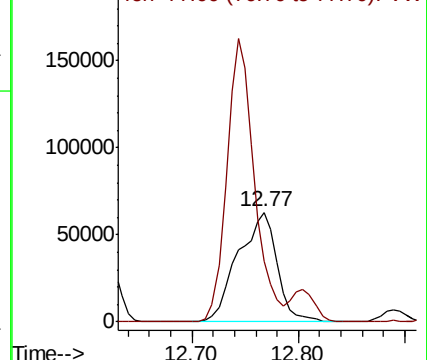
Tgt Ion: 75 Resp: 161194

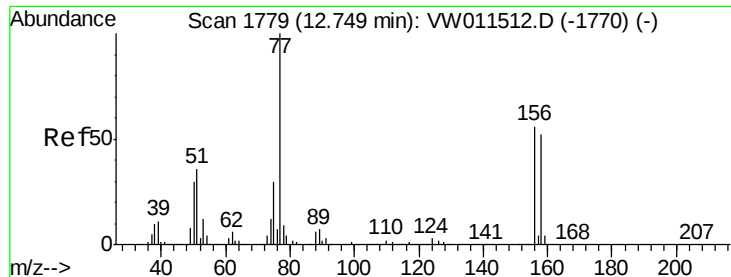
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.522 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

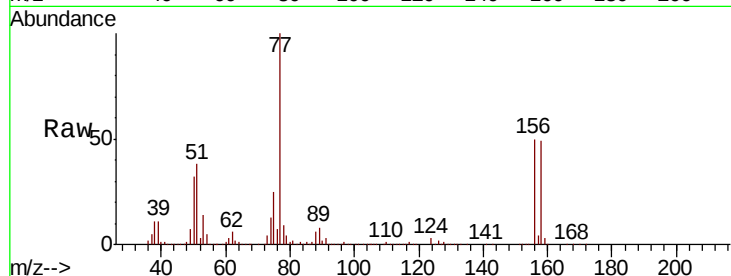
Tgt Ion:156 Resp: 135720

Ion Ratio Lower Upper

156 100

77 216.5 106.5 319.4

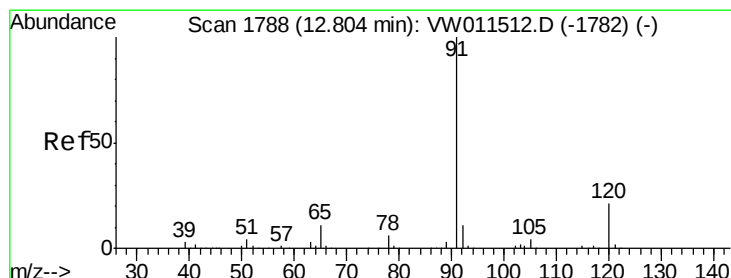
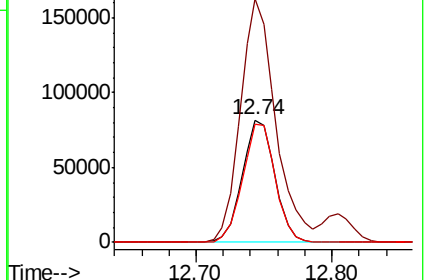
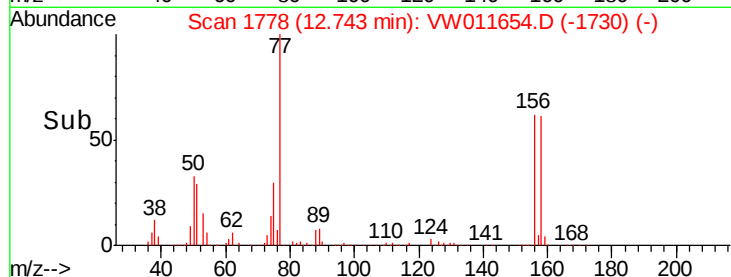
158 97.4 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.424 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011654.D

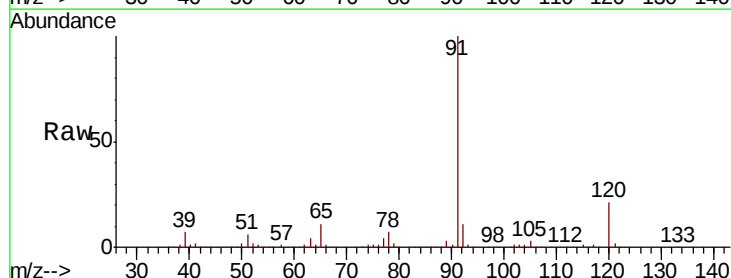
Acq: 03 Aug 2019 07:18

Tgt Ion: 91 Resp: 716239

Ion Ratio Lower Upper

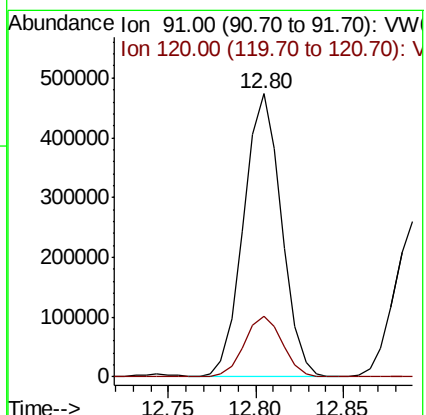
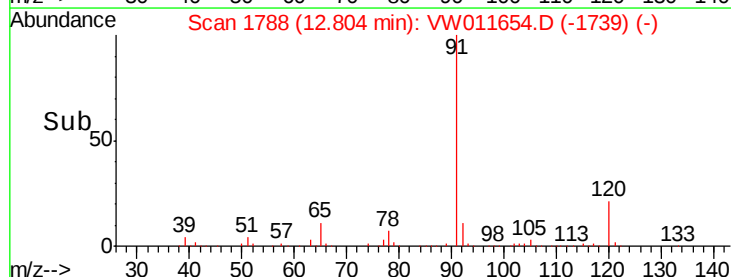
91 100

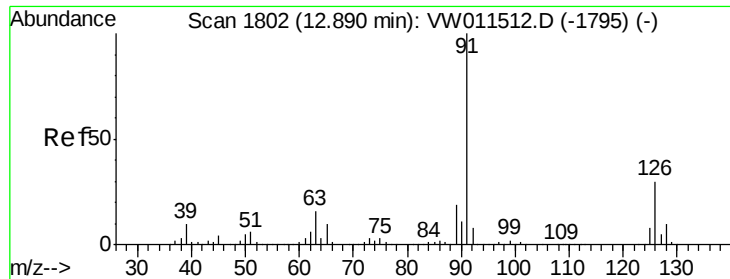
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

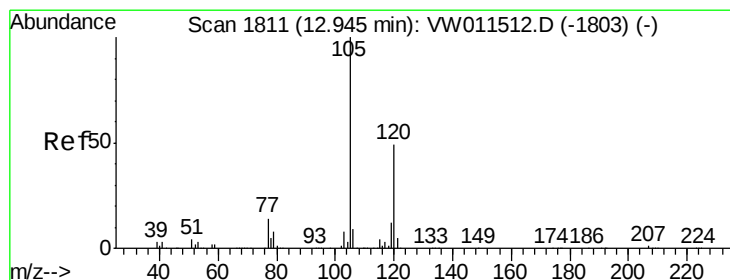
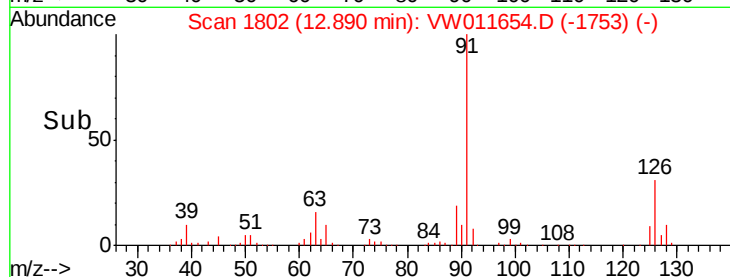
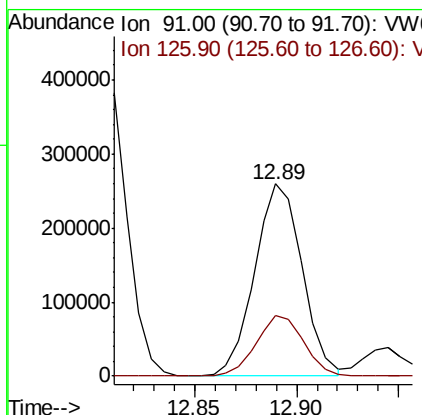
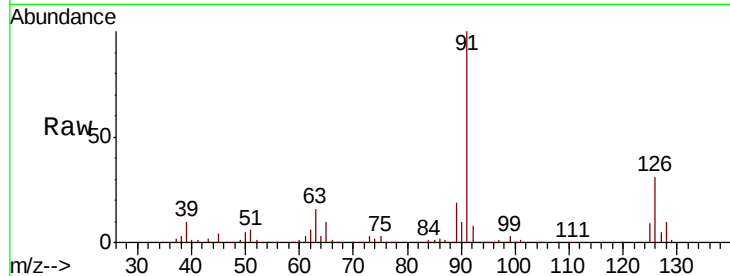




#79
 2-Chlorotoluene
 Concen: 49.229 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

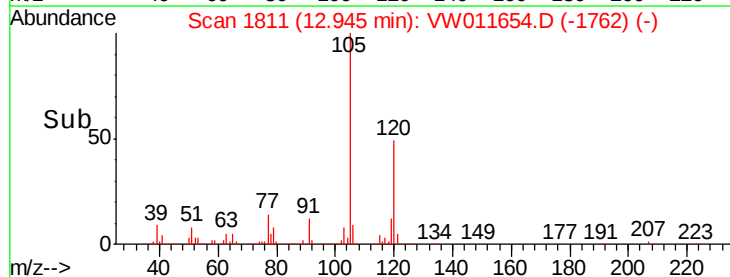
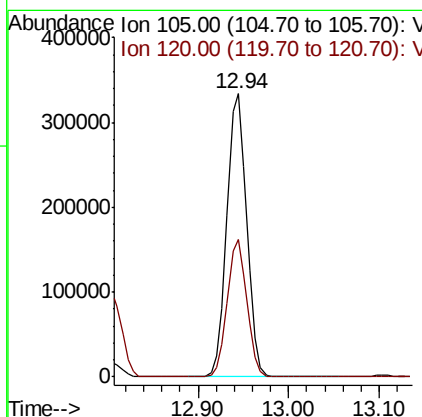
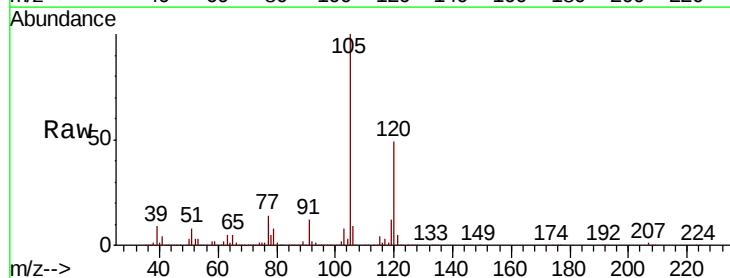
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 419492
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.729 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion: 105 Resp: 506629
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.669 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

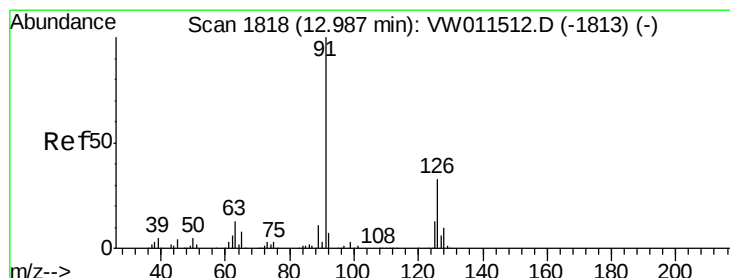
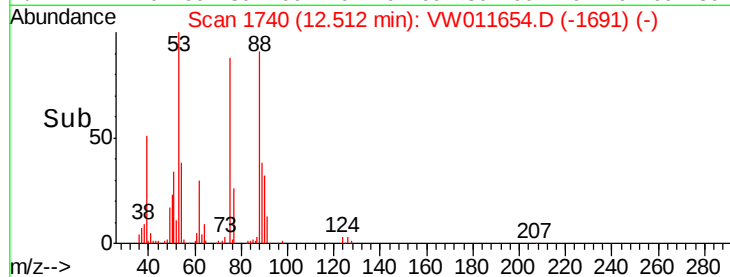
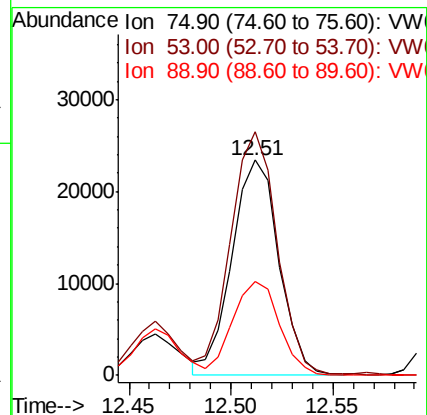
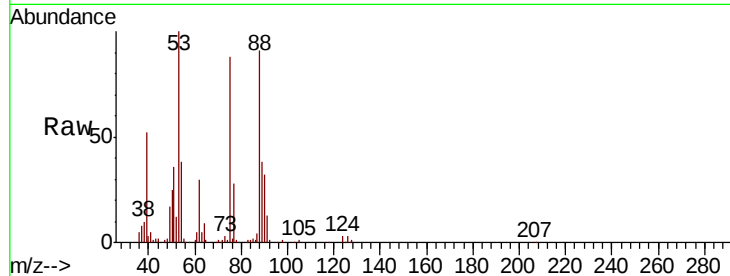
Tgt Ion: 75 Resp: 37151

Ion Ratio Lower Upper

75 100

53 111.2 88.0 132.0

89 43.8 35.3 52.9



#82

4-Chlorotoluene

Concen: 49.182 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011654.D

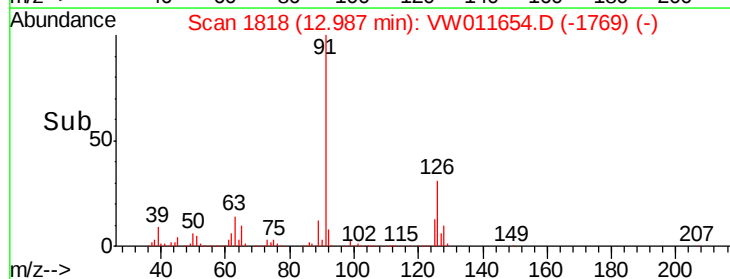
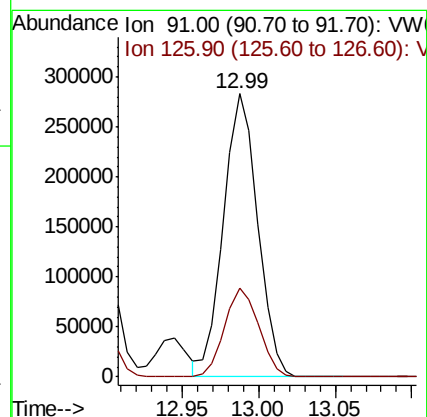
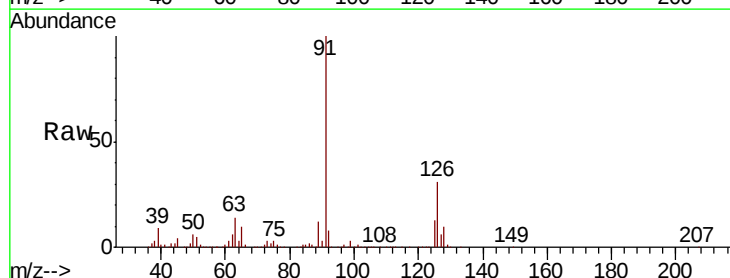
Acq: 03 Aug 2019 07:18

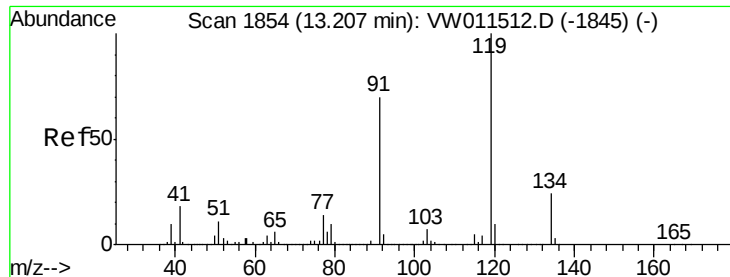
Tgt Ion: 91 Resp: 439711

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8

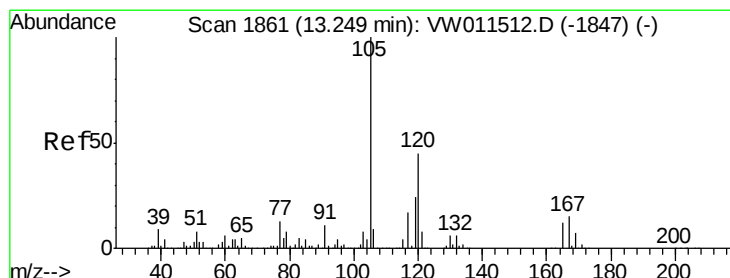
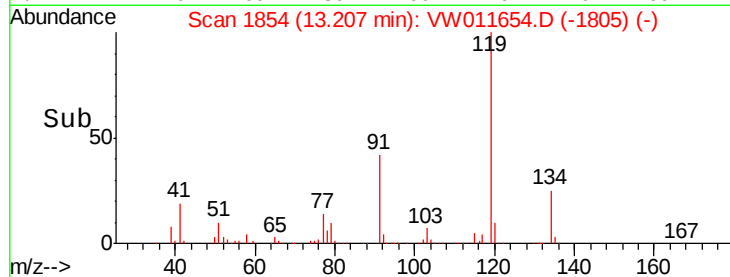
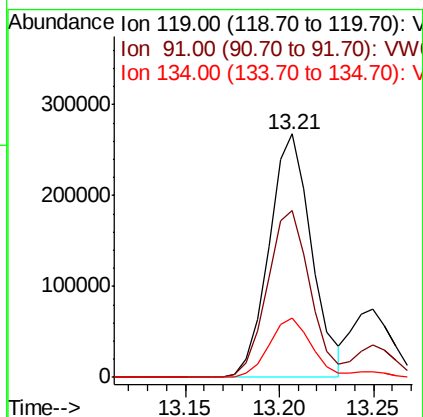
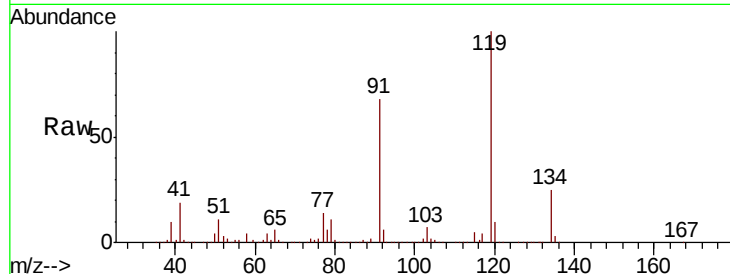




#83
 tert-Butylbenzene
 Concen: 49.144 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

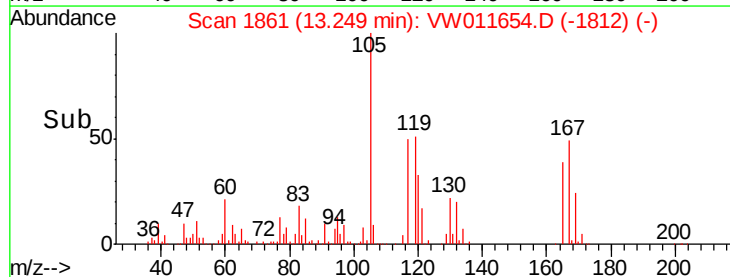
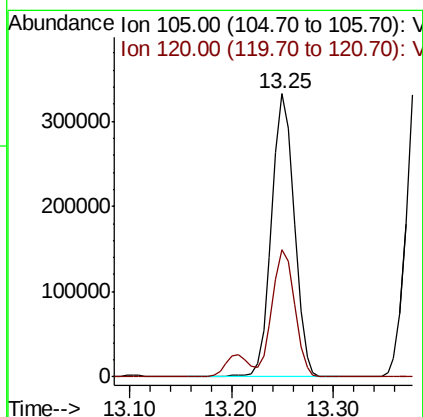
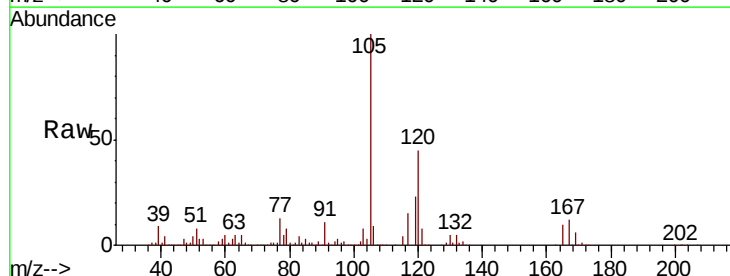
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

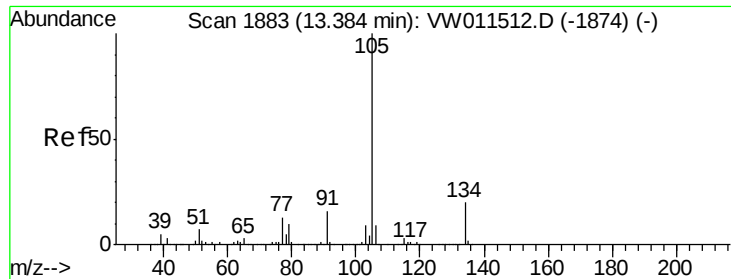
Tgt Ion:119 Resp: 418680
 Ion Ratio Lower Upper
 119 100
 91 69.0 34.5 103.6
 134 24.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.803 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion:105 Resp: 511121
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 48.087 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

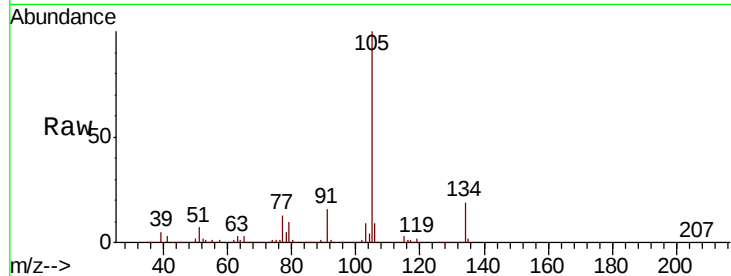
VSTDCCC050EC

Tgt Ion:105 Resp: 584559

Ion Ratio Lower Upper

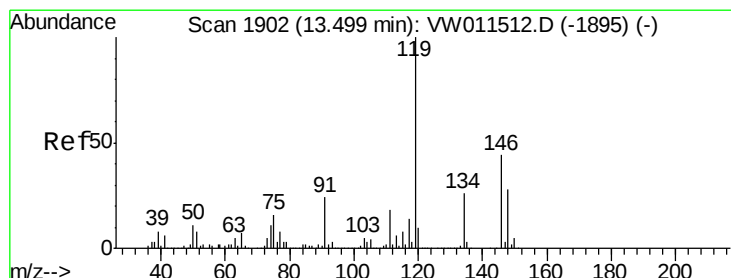
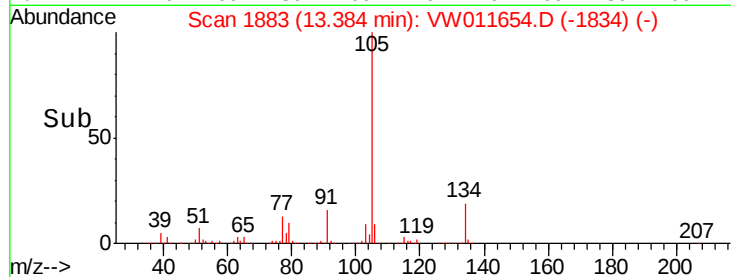
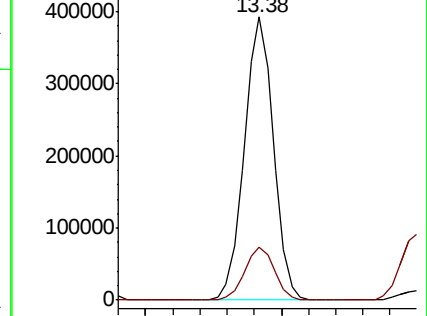
105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.241 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

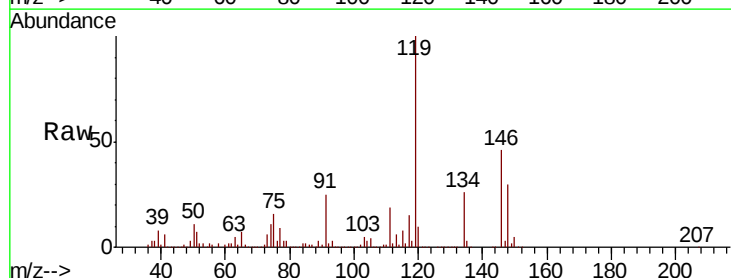
Tgt Ion:119 Resp: 532079

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

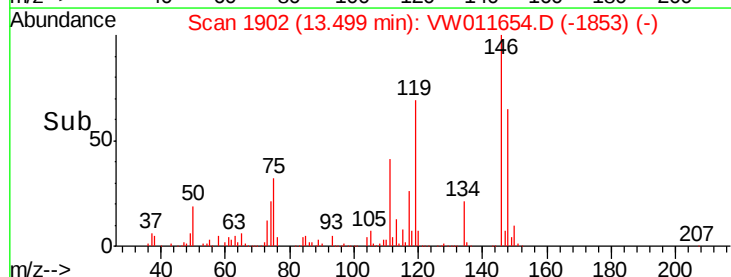
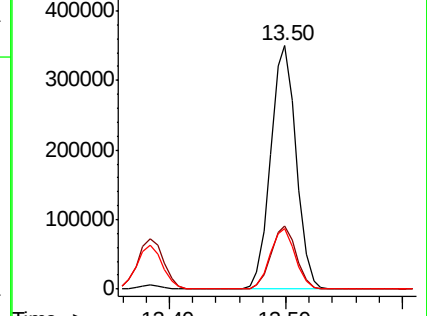
91 24.4 12.1 36.3

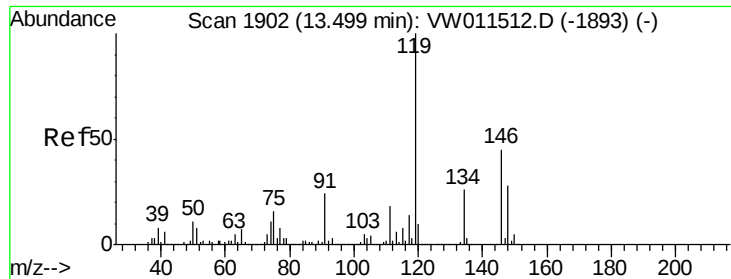


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.045 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

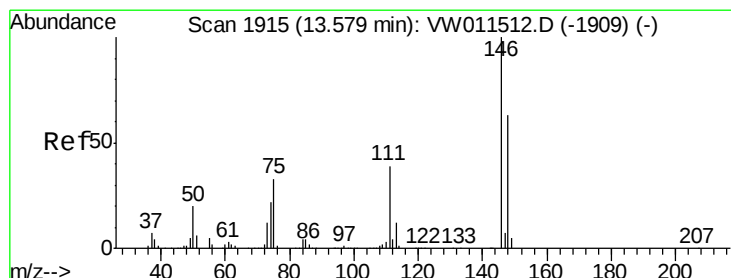
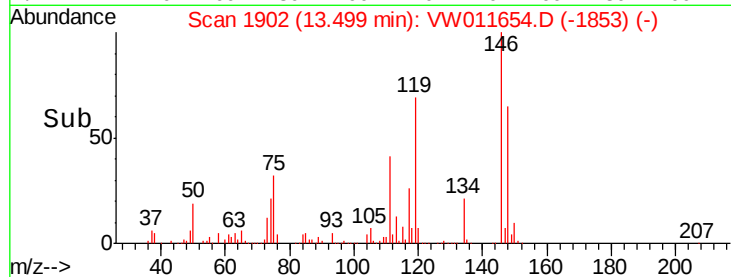
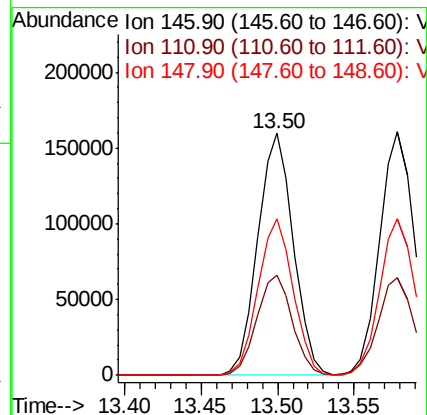
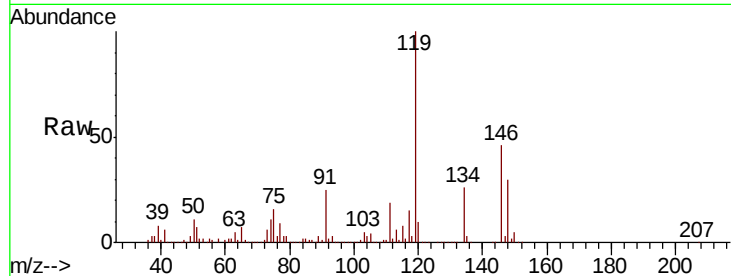
Tgt Ion:146 Resp: 258337

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.609 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

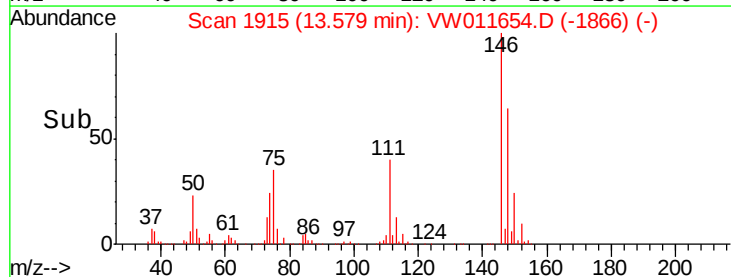
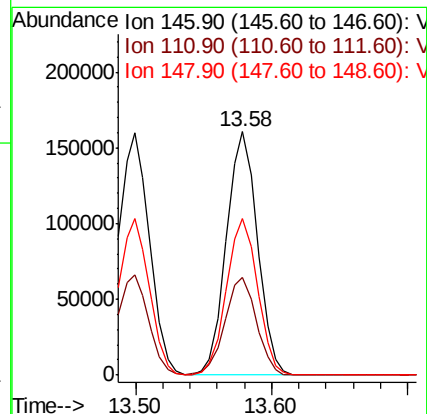
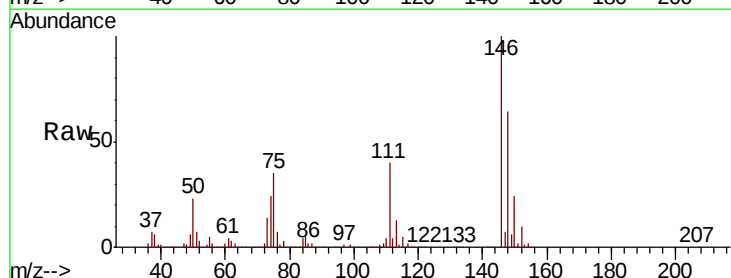
Tgt Ion:146 Resp: 254700

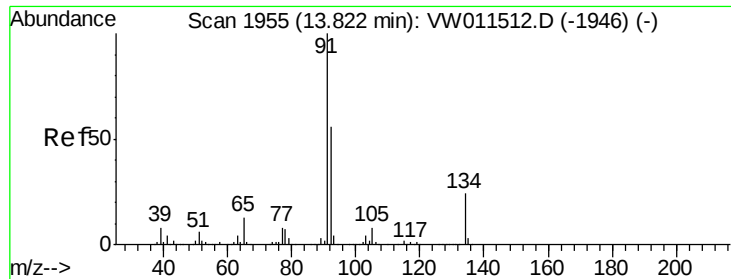
Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.2

148 64.5 31.9 95.9

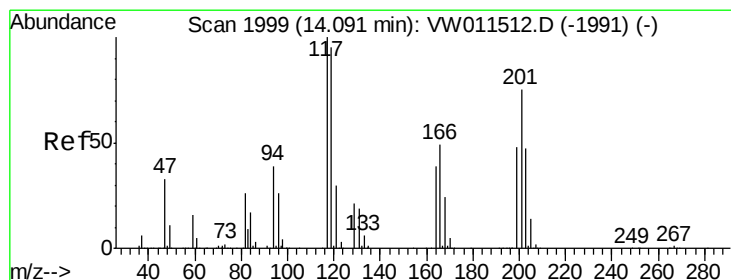
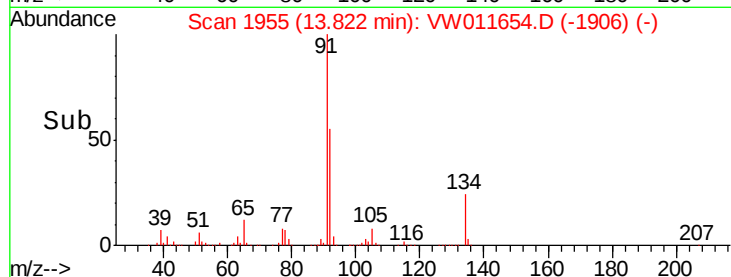
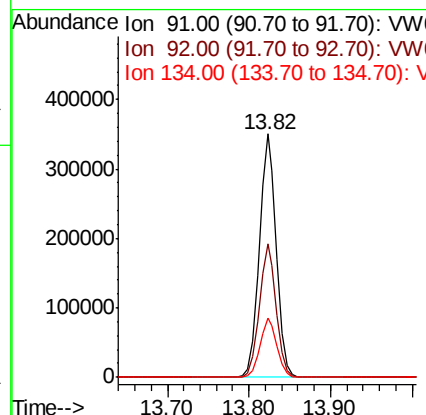
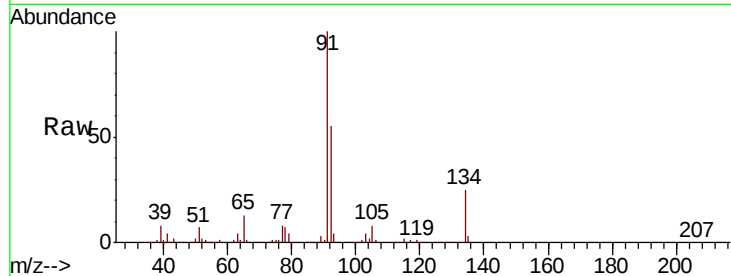




#89
n-Butylbenzene
Concen: 46.330 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

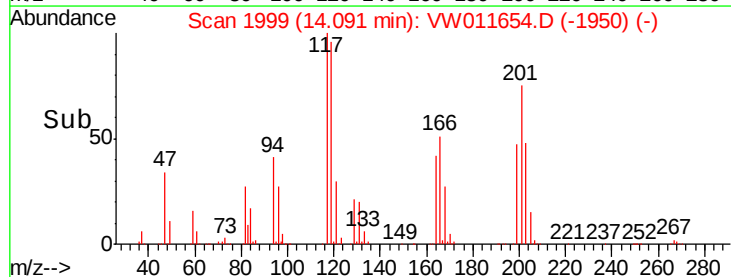
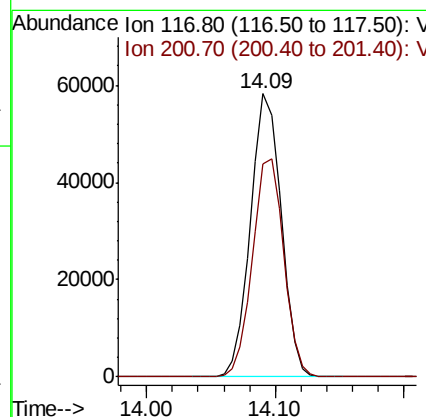
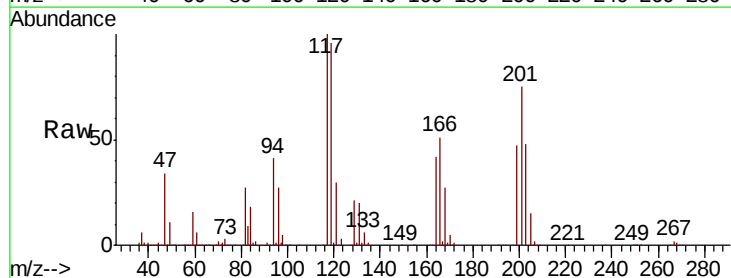
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

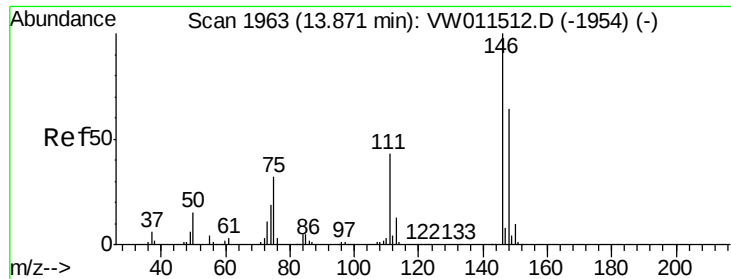
Tgt Ion: 91 Resp: 509950
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 49.148 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion: 117 Resp: 95856
Ion Ratio Lower Upper
117 100
201 78.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 49.860 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

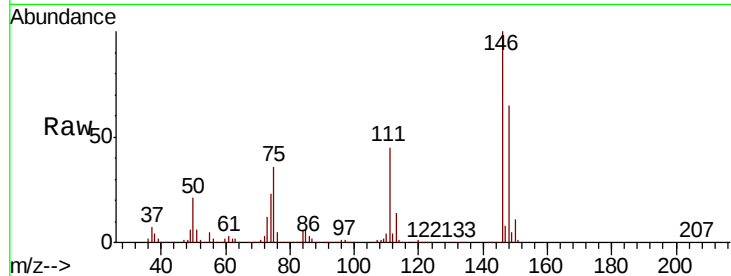
Tgt Ion:146 Resp: 232284

Ion Ratio Lower Upper

146 100

111 43.9 21.6 65.0

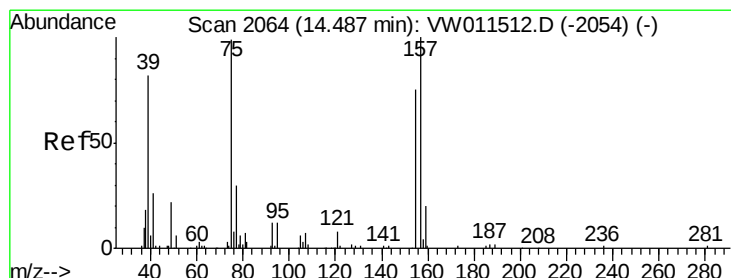
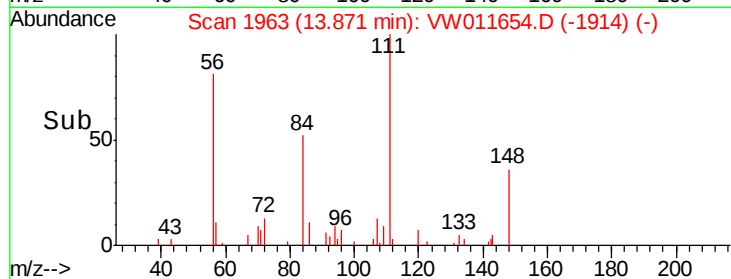
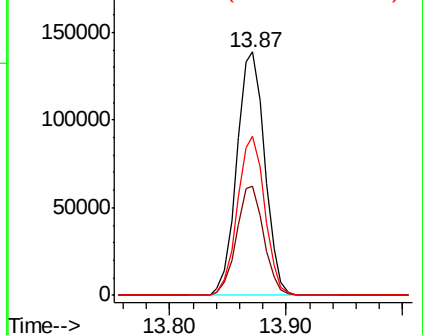
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.035 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW011654.D

Acq: 03 Aug 2019 07:18

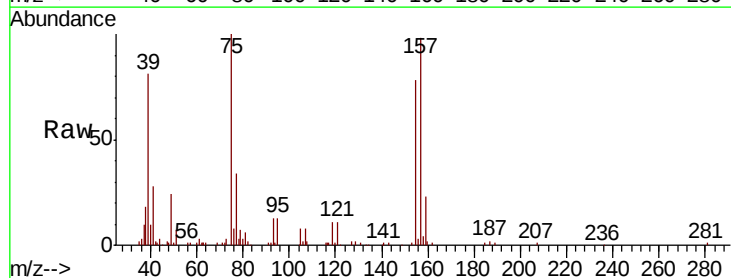
Tgt Ion: 75 Resp: 21455

Ion Ratio Lower Upper

75 100

155 76.8 38.2 114.6

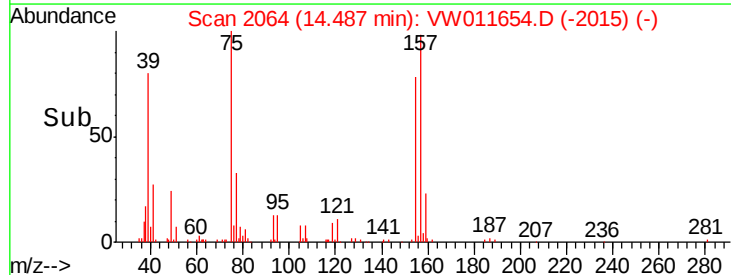
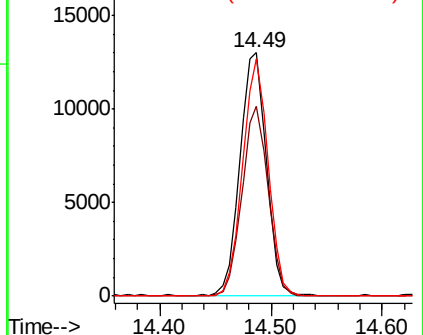
157 94.1 48.9 146.7

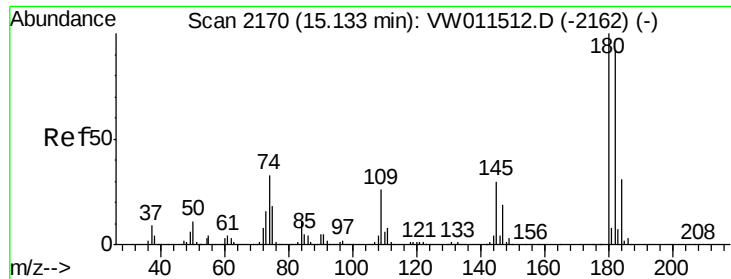


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

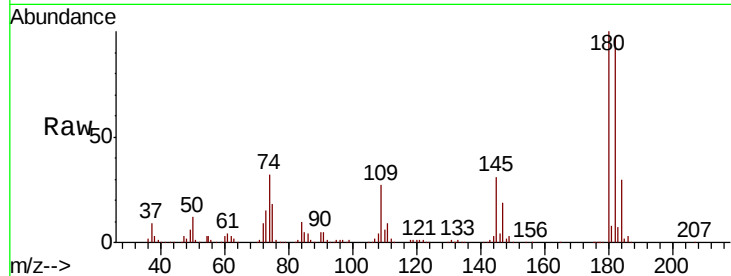




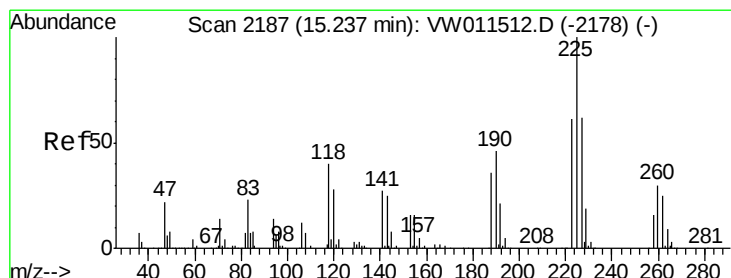
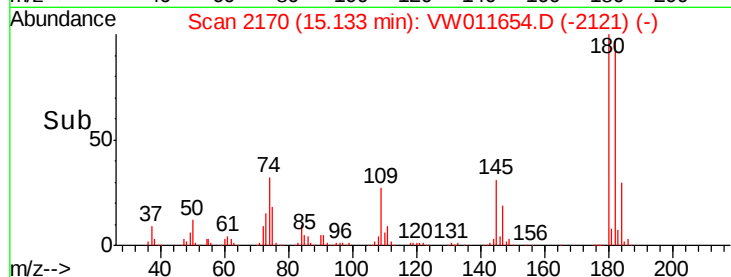
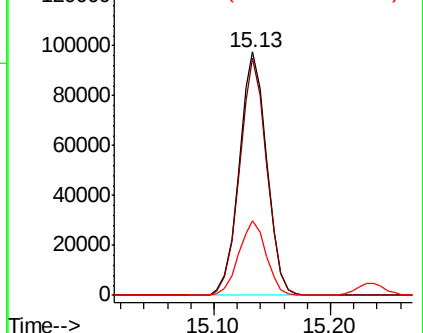
#93
 1,2,4-Trichlorobenzene
 Concen: 48.684 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 159845
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 30.6 15.4 46.1

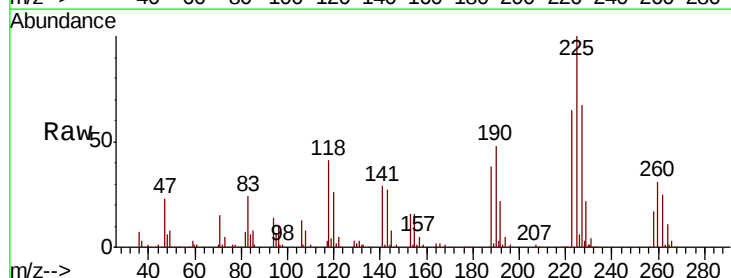


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

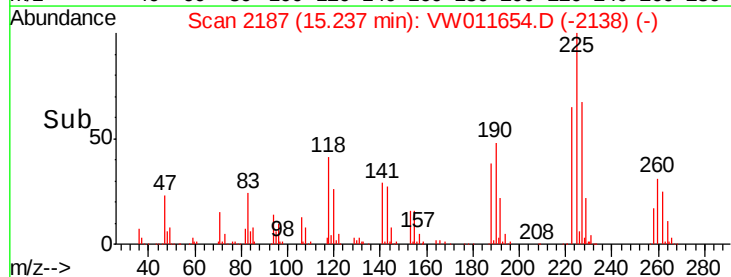
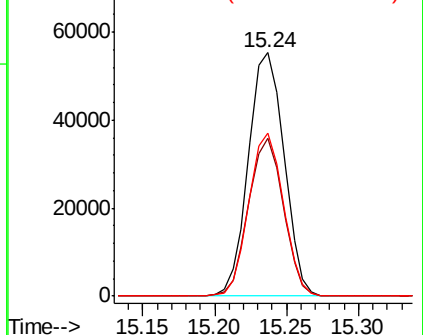


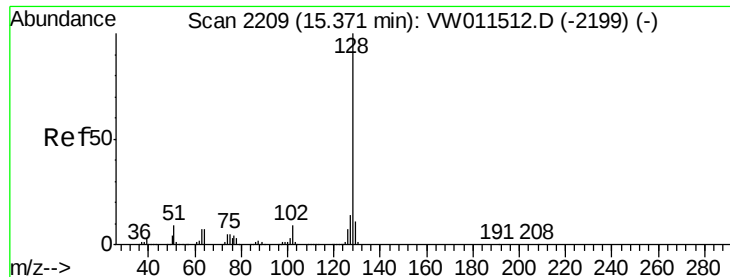
#94
 Hexachlorobutadiene
 Concen: 46.386 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011654.D
 Acq: 03 Aug 2019 07:18

Tgt Ion:225 Resp: 94976
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.8 92.3
 227 64.9 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

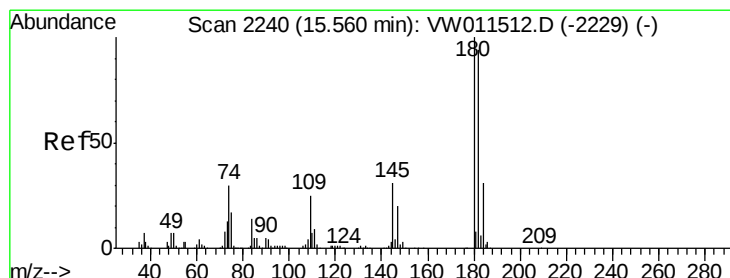
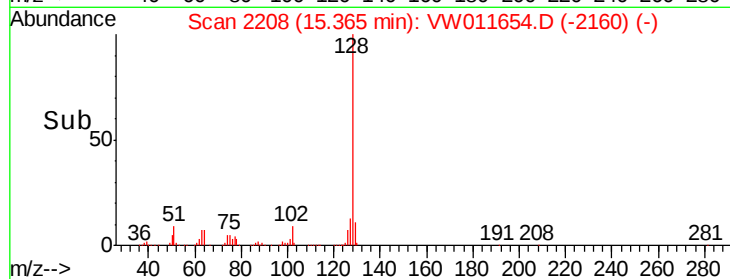
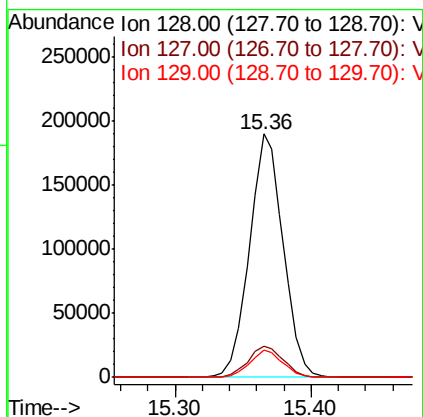
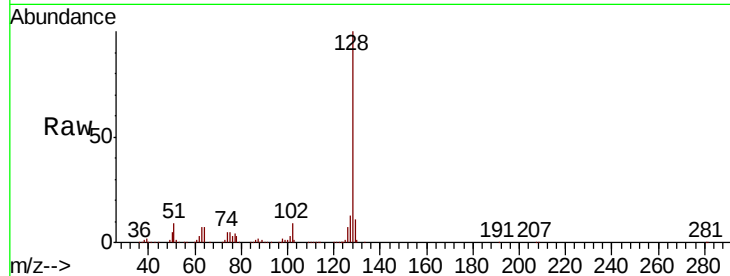




#95
Naphthalene
Concen: 51.136 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 329199
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.390 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011654.D
Acq: 03 Aug 2019 07:18

Tgt Ion:180 Resp: 145024
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.1 15.9 47.7

